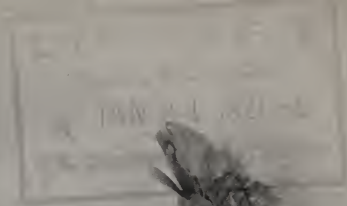


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60473



HOLMES'
HANDBOOK OF SEEDS
and everything for the Garden
1921

*For full description
 and prices of this
 Flower Seed
 collection see 2nd
 page cover.*



HOLMES SEED COMPANY, HARRISBURG, PA.
 106-8 South Second St.

BOTH COVER COLLECTIONS
\$1.00
COMPLETE

GRAND TRIAL OFFER

HOLMES' FLOWER AND VEGETABLE COVER COLLECTIONS OF TESTED SEEDS

BOTH COVER COLLECTIONS
\$1.00
COMPLETE



Have you ever planted any of HOLMES' TESTED SEEDS? If not, we want you to give these collections a trial this year, and be convinced that HOLMES' SEEDS ARE "SEEDS OF KNOWN VITALITY AND PURITY."

The Vegetable Seed Collection, if bought separately, one (1) packet each would cost you 80c, but if purchased as the Vegetable Cover Collection, it will cost you 50c.

The Flower Cover Collection, if bought separately, would cost you 75c, but if purchased as the Flower Seed Cover Collection, it will cost you 50c.

If you prefer to have both the vegetable and flower seed collections, we will send them to you postpaid for \$1.00. These collections contain the following latest introductions, which are described below and on page 1.

Holmes' Original Butter Beans

This Bean is not a Lima, but grows dwarf and very prolific. More delicious than the Lima

The illustration on cover portrays accurately the HOLMES' ORIGINAL BUTTER BEAN

For many years, we have been endeavoring to find the true stock of the old time BUTTER BEAN, which has had such a remarkable sale in several parts of this country. About two years ago, we heard of these beans being grown in the far west and after making a thorough test of same, we found them to be the original butter bean, and so this year we grew quite a nice crop of the beans and have every expectation of securing a full crop, which enables us to put them out for the first time in our catalog. For full description, see page 11.

Price, postpaid..... Pkt. Lb. 2 Lbs.
.15 .40 .75

Holmes' Improved Big Boston Lettuce

Quality Superb. Tender, free from any Bitterness. Absolutely will not turn Red. French Grown

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name "Holmes' Improved" so as to distinguish it from any other strain on the market. Sold only under seal. See illustration.

Price of above..... Pkt. Oz. ¼ Lb. Lb.
.10 .30 1.00 3.00

Everbearing Tomato

The Earliest, Most Prolific and Meatiest Red Tomato Grown

This wonderfully prolific new Tomato was introduced by Holmes Seed Co., of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. The illustration is from a photograph. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acid taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

Price of originator's own stock..... Pkt. Oz. ¼ Lb. Lb.
Postpaid .15 .50 1.75 6.00

Our friends who have never used our seeds will be convinced after giving these collections a trial that they have at last succeeded in getting seeds that will grow. We want you to give these collections a trial and if successful, place with us your general order the following year, or a portion of it this year, in addition to the collections.

COMPLETE COLLECTION ONLY
\$1.00

HOLMES' ECONOMY COLLECTION

The Most Popular Collection Ever Put Up By Any Seed House
A COMPLETE VEGETABLE GARDEN 25 x 30 FEET

COMPLETE COLLECTION ONLY
\$1.00

Every variety of seed selected for this Vegetable Collection consists of kinds that have the greatest demand, and if you have a small garden, you are entirely safe in ordering this grand collection.

If purchased separately, would cost you \$1.60, but if ordered as HOLMES' ECONOMY COLLECTION, can be had for \$1.00 which contains the following:

- | | | |
|--|-------------------------------------|---------------------------------|
| 1 pkt. Beans, Stringless Green Pod | 1 pkt. Radish, Icicle | 1 pkt. Lettuce, Holmes' Perfect |
| 1 " " Round Pod Kidney Wax | 1 " " Scarlet Turnip | 1 " Celery, Easy Blanching |
| 1 " " Corn, Holmes' Early Mayflower | 1 " " Salsify | 1 " Parsley, Moss Curled |
| 1 " Beet, Holmes' Early Wonder Beet (the earliest) | 1 " Turnip, Purple top White Globe | 1 " Swiss Chard |
| 1 " Blood Turnip Beet in the world) | 1 " Cabbage, Early Jersey Wakefield | 1 " Tomato, Holmes' Everbearing |
| 1 " Carrot, Danvers half-long | 1 " " Holmes' Houser | 1 " " Stone |
| 1 " Onions, Ohio Yellow Globe Danvers | 1 " Lettuce, Early Curled Simpson | |

JUST THINK--NINETEEN FULL SIZED PACKETS WHICH RETAIL FOR \$1.60, FOR ONLY \$1.00
SEND NOW--DO NOT DELAY UNTIL TOMORROW.

Simply Address HOLMES SEED COMPANY, HARRISBURG, PA., and ask for "Holmes' Economy Collection".

Holmes' New Green Celery, Emperor

INTRODUCED BY US IN 1912

The finest-flavored, most brittle Celery ever grown
One of the largest seedsmen of the country said: "It is the greatest novelty that has been introduced since the introduction of the Burpee's Bush Lima Beans."

For seven years we have been selecting this seed, and growing from individual specimens to firmly establish the good qualities as given below:

First: To retain the flavor, which, in the green state, is as fine as when bleached.

Second Solidity, free from the hollowness so often found in many Celeries.

Third: The stems, instead of being moon-shaped, have been breeding to as near round as is possible, and are found only in "Holmes' Emperor," a distinguishing characteristic not found in other sorts, and is fully established. When we say it surpasses every Celery known, you can rest assured we know. The market-gardener who grows Holmes' Emperor will find a ready sale for it.

Price of seed, originator's own stock, sealed..... Pkt. Oz. ¼ Lb. Lb.
.15 .50 1.75 6.00

New White Icicle

The finest flavored quick-growing Radish now in cultivation

We have no hesitancy in saying it is one of the finest long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3½ to 4-inch cylindrical roots within 22 days from date of sowing. We find that for successive planting Icicle succeeds as well in midsummer as when sown early. See illustration.

Price of above..... Pkt. Oz. ¼ Lb. Lb.
.10 .20 .60 2.00

Holmes' Early Sweetheart Sweet Corn

This new sweet corn is one of the most valuable sweet corns offered in many years. The ears measure 8 to 10 inches, is earlier than Premo, symmetrical shape, with 10 to 12 even rows of broad and very deep grains, covering the small cob from heel to tip. The stalks average from 6 to 7 feet in height, but this depends largely on the soil where planted. It is a full cropper, thrifty, hardy and prolific, generally bearing two well developed ears to every stalk.

Price, postpaid..... Pkt. Lb. 2 Lbs.
.15 .35 .65

Holmes' "Superb Cover Collection" of Flower Seeds

Holmes' Late Giant Branching

Strong, branching bushes, 2 to 4 feet high, bearing on long stems their Chrysanthemum-like flowers which average 5 inches across. At the head of Asters for cutting; best during September. Mixed Colors. Pkt., 15 cts.

Calendula

(POT MARIGOLD)

Hardy annual, blooming abundantly and continuously until killed by frost. Exceedingly fine for summer garden. Double; deep orange. Pkt., 15 cts.

Holmes' Orchid Varieties Mixed

We realize that when our customers want the best mixture they want the best obtainable and is what we offer in our Superfine Mixture. We make it up with great care, including in it every conceivable true color of named varieties and the gorgeous effect commands the highest praise. The numberless shades of matchless beauty; the immense flowers so deliciously fragrant, borne in such great profusion from this mixture, really make it superfine. Pkt., 15 cts., oz., 35 cts.



Holmes' Fancy Fringed Petunia

Few flowers afford greater effectiveness for outdoor decoration. This variety is the best of all Petunias. Give it very rich fine earth, a sunny position, being careful that the seed is merely covered when sown. Sowing seed too deep is often the cause of failure to grow this charming favorite. All colors mixed. Pkt. 15 cts.

Holmes' "Wonderful" Mixture of Dwarf Nasturtiums

The Best Mixture, Made of Twenty Separate
Named Colors

Nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and rapidity of luxuriant growth render them worthy a place in every garden. Pkt. 15 cts., oz. 35 cts.



SEMPLER BRANCHING MIXED

FREE!!

FREE!!

FREE!!

FREE!!

Stop

Look

Listen

We have something to offer you this year that we know will please you. We have made arrangements with the American Fork & Hoe Company, who are the manufacturers of the "True Temper" Tools and Implements, to furnish us with two of their numbers that we know will help you greatly in your work around the farm and truck patch.

To make this clear to you, on every cash order we receive for vegetable or flower seeds (no field seeds included in this offer) amounting to \$20.00, at our catalog prices, we will send **ABSOLUTELY FREE**:

The "Midget" Seed Drill which sells for \$6.00, if sold separately, as described and illustrated, or if you prefer, The "True Temper" Standard Cultivator, high wheel (see illustration) which sells for \$5.75, if sold separately.

If your own order does not amount to the \$20.00, why not get some of your friends to go with you, and make up a club order?

If you can secure orders for \$40.00 worth of vegetable and flower seeds, we will ship you **ABSOLUTELY FREE** both Drill and Cultivator as illustrated, an earning of \$11.75 for a little of your spare time which you will have the coming winter.

Now, Mr. Real Live Farmer, this is really worth your while, and you will be greatly pleased with these tools when you receive them, and they are **FREE**.

Stop

Look

Listen

FREE!!

FREE!!

FREE!!

FREE!!

Popular High Wheel Cultivator



Sold Alone
\$5.75

The **TRUE TEMPER STANDARD** No. 20 is the most popular High Wheel Cultivator on the market.

It has a 24-inch wheel, which runs on a bushing, is well balanced and easy to operate.

Adjustment is made with one wing nut—no wrench is needed.

Attachments furnished: Double Point Shovel, Turning Plow with landside, combined Rake and Sweep.

These tools are made of high grade tool steel, hardened and polished. They will scour and work perfectly in any soil. Weight 19 pounds.

The Midget Seeder may be easily attached with one bolt and give splendid service.

English Digging Mattox



Free with an order for \$10.00 or sold separately, price **\$2.75**

English Digging Fork



Free with an order of \$6.00 Sold separately, price... **\$1.50**

Most Popular Seeder Made



Sold Alone
\$6.00

The **MIDGET SEEDER** will pay for itself in a short time, because it saves seed by sowing accurately. Sowing by hand wastes seed.

It is very easy to operate and drills almost any kind of garden seed from the smallest up to peas and beans.

It will drill a 5-cent package of seed just as accurately as a larger amount.

The index is in plain view and easily adjusted. The shoe is adjustable for any depth desired, and the Coverer swings free.

The Midget opens the furrow, sows the seed and covers up, all in one operation.

It is inexpensive, and with ordinary care, will last a lifetime.

It is sold with handle complete, or may be easily attached to almost any wheel cultivator. Weight 6 pounds.

Gardener's Single Wheel Cultivator



Price
\$9.75

The **TRUE TEMPER EAGLE** is a single-wheel cultivator. Like our double-wheel True Temper Special, it is made especially for market gardeners.

It has a steel frame with a 15-inch steel wheel, supported on each side at the axle. Handles are made of best selected oak with handle grips that rest the hands and arms while cultivating.

It is built scientifically correct, with adjustments to make the tools work the easiest way in any soil.

Attachments are forged from tool steel, hardened and polished. Machine is handsomely finished in colors. Weight with one set of tools about 12 pounds.

Equipment includes two Scuffle Hoes, three Cultivator Teeth, one large Turning Plow with landside. Choice of tools sold with each cultivator as follows:
No. G4—Full equipment of tools.....

FREE on a \$35.00 order

Wholesale and Retail

Phones { Bell 68
Dial 3253**HOLMES SEED COMPANY****. . SEED GROWERS . .**Office and Warehouse, 106-108 S. Second St.
HARRISBURG, PA.A PERSONAL MESSAGE TO YOU

This is our twenty-fifth year in the SEED business in Harrisburg, during which time the writer has made many friends and customers, but the object of this letter is to get better acquainted with you and have your name on our list of satisfied customers.

What do you think of the outlook for a good crop this coming year? Now, wait a minute. I know you are going to say it will depend on the weather, etc., but here's where I am going to tell you, my friend, that there is something else besides weather; and that is, to have TESTED SEEDS OF KNOWN VITALITY AND PURITY to plant that will give you results. Now, when I say "TESTED SEEDS" I am giving you a positive fact, and we invite you, when you are in our city, to come in and see the process we have for this work. Seeds must have purity, otherwise they will not produce the best results, and you want the best always.

We contract with the best growers in the world for our seeds, and we would not try to tell any person that we produce all our own seeds, for this would be a falsehood and an impossibility. In order to do this, we would have to own vast acreages, and have large farms in all parts of the world, for certain seeds can only be produced in sections best adapted to their growth.

For instance, the best peas are produced in Washington, Montana, Utah and Idaho; lettuces in California; radishes in France; cauliflower in Denmark; beets in France, Holland and Germany; so you can readily see that the above statement is correct. Now, isn't it common sense to get seeds from the section where they can be grown to the best advantage? You can save seeds of your own growing, and plant them, but you can never get the results that you would from seeds that were grown in the proper locality.

We are very anxious to have you send us a trial order, so that you may be convinced that our seeds are all that we claim for them; and when sending this order, if you are not quite sure of what varieties are the best for your section, if you will draw my personal attention to this, I will look over your order, and if I can suggest any better variety than you have named, I will gladly mark your order accordingly. If at any time you have any complaint to make regarding the filling of your order, I want you to feel that you can write or call on me personally at any time, and I will certainly make the matter right to the best of my ability. If there is any information that you desire, we will gladly furnish same, and if there are any questions regarding fertilization, soil, etc., that we can not answer, we have the Department of Agriculture at our command, and can get it through them. 'SERVICE' IS OUR WATCHWORD.

If you are in the city, make our store your headquarters while here, and we will do our best to make you comfortable and welcome.

Lastly, we would remind you not to forget that trial order. We would suggest that you try our COVER COLLECTION, as this will give you a very good idea of the quality of our seeds, and we know we will not have to ask you to recommend them to your friends and neighbors after you have seen the results.

Hoping you may have a very prosperous 1921, we remain

Sincerely,

HOLMES SEED COMPANY,

H. L. HOLMES
President.

HLH-RN

FREE Educational Publications **FREE** **For The Farmer**

We have arranged with the Agricultural Extension Department of one of the largest concerns in the country to purchase from them a number of their publications, to be given free to our customers who send their orders by mail, or to those who come into our store to purchase.

On a cash purchase amounting to \$1.00, we will present, absolutely FREE, your choice of the first three booklets listed below. On a cash purchase amounting to \$3.00, we will give the three first named booklets. On a cash purchase of 50 cents, we will give any one of the last five booklets listed, or on a cash purchase of \$2.50, we will give the five last named booklets.

These booklets are worth their weight in gold to the farmer or farmer's wife, and the knowledge derived from same will put cash in your pocket. Remember you must state which publication you want when you send in your order or when you call at the store, otherwise we will not send them after the order has been filled. The titles are as follows:

1. **"More and Better Potatoes to the Acre."** Treats on the easy way to improve potatoes, diseases, and how to control them, and all information from the time seed potatoes are put into the ground until the time they are harvested. 62 pages.

2. **"Grow a Vegetable Garden."** There should be a garden for every home in America. This booklet incorporates plans for gardens, how and when to plant, hot beds, manure, also a vegetable garden chart complete. This book alone is worth considerable money to anyone. 44 pages.

3. **"Sweet Clover."** No longer a despised weed, but a valuable crop. Tells you all about it; in fact, there is so much information in this booklet that it would make it hard to describe the many valuable things given therein. 68 pages.

4. **"Seed Corn."** Do you know it will grow? Test, don't guess. This tells you how to test your corn before planting, gives you the different methods of testing. **We would also like to state that, for the benefit of our customers, we will make any tests on field corn for them, FREE, in our new electric tester, the same as used by the experiment stations.** 28 pages.

5. **"Home Canning by the Cold Pack Method."** How to pack your vegetables, meats, etc. Fully illustrated and should be in the hands of every farmer's wife. This booklet includes a timetable for cold pack canning. 30 pages.

6. **"Getting a Start with Alfalfa."** Tells you what to do, manure to use, results in different times of seeding, etc. 10 pages.

7. **"Home Drying of Fruits and Vegetables."** The process is simple. Any boy or girl can make the equipment and do the drying. No extra fuel required. Dried fruits and vegetables make wholesome food. This booklet is fully illustrated, and gives complete directions. 18 pages.

8. **"Sunflowers for Silage and Green Feed."** Experiment stations report favorable results from sunflowers. They are worthy of a trial, withstand frost and drought, yield larger tonnage than corn. 10 pages.

These booklets are given free to our customers only, and not distributed indiscriminately, as they cost us considerable money.

HOLMES STANDARD INOCULATING BACTERIA

The Guaranteed Legume Inoculator

Grown Direct from the Nodules. Increases the Yield. Enriches the Soil. Hastens Maturity. Improves Feeding Value.

SAVES FERTILIZER BILLS



Prepared for

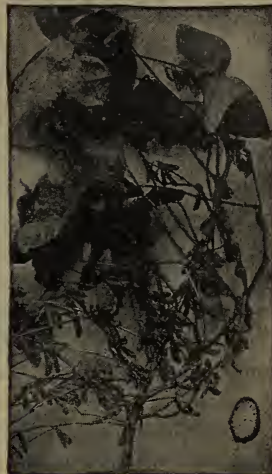
<i>Alfalfa</i>	<i>Red Clover</i>	<i>Field Peas</i>
<i>Soy Beans</i>	<i>Crimson Clover</i>	<i>Garden Peas</i>
<i>Cow Peas</i>	<i>Alsike Clover</i>	<i>Sweet Peas</i>
<i>Sweet Clover</i>	<i>Vetch</i>	<i>Field Beans</i>
<i>Peanuts</i>	<i>Garden Beans</i>	

and all other legumes

PRICES

<i>Garden Size</i>	<i>\$.50</i>	<i>2 Acre Size</i>	<i>1.45</i>
<i>1 Acre Size</i>	<i>.75</i>	<i>4 Acre Size</i>	<i>2.25</i>
		<i>6 Acre Size</i>	<i>3.00</i>

Sent postpaid on receipt of price. One acre size sufficient for about 20 pounds of alfalfa, clover, or other small seed, and for about 90 pounds of peas, beans, or other large seeds.



Holmes Standard Inoculating Bacteria are grown direct from the nodules. All bacteria sent out are of the second generation from the nodules. This laboratory technique in the preparation of these cultures insures the highest possible virility and therefore positive inoculation and an abundance of nodules. It is a fundamental of bacteriology that the further removed from the initial germ, the less viril Bacteria planted and replanted to generations far remote cannot and do not insure healthy inoculation and use of such often results in failure. Standard cultures bred direct from the nodules and furnished to you only one generation removed from such nodule is what has placed them at the head of the list of all legume cultures and caused them to be the most widely used in the United States.

Holmes' Standard cultures are not cheap cultures. They may be cheaper in price than some, but in price only. The price is still consistent with high quality. They cannot be made better even if ten times the price were offered. Every package is fully guaranteed.

Not only in viril properties do Holmes' Standard cultures excel, but the character of the containers has much to do with preserving and insuring such virility right up to the time of use. They are put up in amber-colored bottles (excluding the blue light ray which is deadly to many germs) with rubber corks and with glass

air tubes and cotton filters. Thus prepared all foreign and destroying germs are excluded, yet the nitro bacteria within the bottles are fed with sufficient nitrogen to keep them alive and viril even for years.

All legume crops should be inoculated. Few soils contain sufficient bacteria to provide self-inoculation. Artificial inoculation with pure cultures has long since been determined by the experiment stations to be the only safe and sure way. Few soils, unless heavily fertilized, contain enough nitrogen to carry a legume crop to maturity and a maximum yield unless the proper inoculating bacteria be present in the soil and active. Inoculated legumes take their supply of nitrogen from the air and not only feed themselves during growth, but store up a surplus in the nodules formed on the roots as a supply for succeeding crops. But unless such proper bacteria are supplied or present there will be no nodules. Neither will the crop be a maximum. A good legume crop will store up in soil for use of future crops as much nitrogen as can be obtained for thirty to fifty dollars in commercial nitrogen carrying fertilizer materials. Take no chances. Inoculate all legumes with Holmes' Standard cultures.

When ordering, state crop to be inoculated. Holmes' Standard Bacteria grown direct from the nodules are fully guaranteed.

STANDARD FLOWER AND GARDEN FERTILIZER

A powerful, highly concentrated and soluble plant food for

Flowers, House Plants, Lawns, Shrubbery and Gardens

The most highly concentrated and properly balanced fertilizer ever compounded.

Many times the strength of ordinary fertilizers. Never before has such a high analysis been attained.

So strong that a pinch will intensely fertilize a house plant, a small package 200 square feet.

Promotes quick and luxurious growth and deep green color to foliage and gives rich brilliant color to flowers.

Standard Flower and Garden Fertilizer will revive those puny, pale, sickly plants, flowers, shrubs, etc. A trial will convince.

PRICES

<i>1/2 lb. package</i>	<i>\$.35</i>
<i>1 lb. package</i>	<i>.60</i>
<i>5 lb. package</i>	<i>1.75</i>
<i>25 lb. bag</i>	<i>5.00</i>

ANALYSIS

<i>Nitrogen</i>	<i>15 to 17%</i>
<i>Equiv. Ammonia</i>	<i>18 to 20%</i>
<i>Avail. Phosphoric Acid</i>	<i>10 to 12%</i>
<i>Potash (K-2-O)</i>	<i>8 to 10%</i>

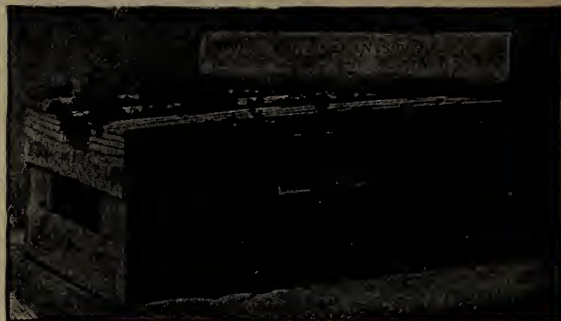
Can be used dry or dissolved in water. Full directions on every package. It is odorless.

Holmes' Vegetable Plants

PLANTS THAT GROW

PRICES RIGHT

Last year, we had considerable trouble with our plant orders in not getting them to our customers in time, having them grown some distance from the city. This year, however, we have succeeded in securing one of the best plant growers in this section of the country to grow our entire stock of plants of all varieties, we furnishing the stock seed of the very highest quality. The plants will be well packed in ventilated packages to reach you in good growing condition. We prefer to send small orders by parcel post and, for your benefit, must insist that you **give both your express and post office address plainly**. Large orders will be sent by express. We guarantee these plants to be first-class in every particular when delivered to the express company and should they arrive at destination in bad condition, do not accept them, but notify us immediately and we will send you other plants and take the matter up with the express company. Be sure to give us in a case of this kind, the exact date the plants reached your express or post office. When no variety names are mentioned, we will use our best efforts to send you what we think will give you the best results.



TRANSPLANTED PLANTS

All plants are large, well-hardened plants, ready for the field. Uniform plants of great vitality. No weaklings or misses, but every plant a good one. "Business Plants" for the man who plants for profit.

CABBAGE PLANTS—Ready April 1 to June 1. Early Jersey Wakefield, Charleston Wakefield, Early Summer, Copenhagen Market. Doz. 20 cts., 2 doz. 30 cts., 100 \$1.25, 500 \$5.25, 1,000 \$9.00.

CELERY PLANTS—Ready April 1 to June 1. Golden Self-Bleaching, Snow White and Giant Pascal, Holmes' Emperor. Doz. 15 cts., 2 doz. 25 cts., 100 75 cts., 500 \$3, 1,000 \$5.50.

TOMATO PLANTS—Ready May 1 to June 15. Improved Earliana, New Dwarf Stone, Everbearing, Red Rock,

Ponderosa. Doz. 15 cts., 2 doz. 25 cts., 100 \$1.25, 500 \$5.00, 1,000 \$9.00.

HEAD LETTUCE—Ready March 1 to May 1. Iceberg and Big Boston. Doz. 15 cts., 2 doz. 25 cts., 100 \$1.00, 500 \$4.50, 1,000 \$8.50.

SWEET PEPPERS—Ready May 1 to June 20. Holmes' Sweet Prolific, Ruby King and Chinese Giant. Doz. 25 cts., 3 doz. 65 cts., 100 \$1.50, 500 \$6.00.

EARLY CAULIFLOWER—Ready March 15 to June 1. Early Snowball. Doz. 25 cts., 3 doz. 65 cts., 100 \$1.50, 500 \$6.00.

EGG PLANTS—Ready May 10. Black Beauty, New York Improved. Doz. 25 cts., 3 doz. 65 cts., 100 \$2.00, 500 \$7.00.

POTTED PLANTS

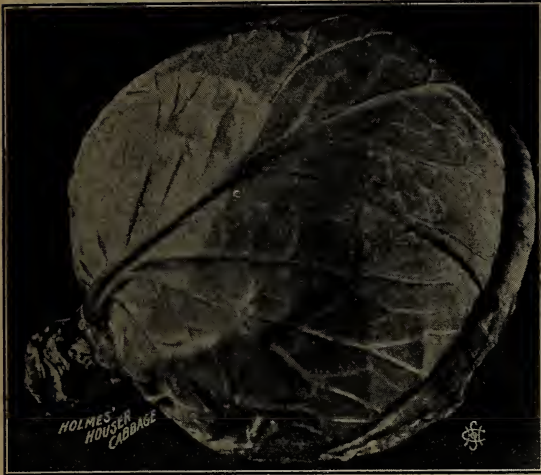
POTTED TOMATOES—Langdon's Earliana, Holmes' Everbearing, Bonny Best, Chalk's Early Jewel, Matchless and Stone. Ready May 1 to July 1. Doz. 75 cts., 2 doz. \$1.35, 100 \$6.00.

POTTED EGG PLANTS—Black Beauty. Doz. 75 cts., 2 doz. \$1.25, 100 \$7.50.

I get 50 peach baskets of ripe tomatoes from 100 potted plants.

Potted tomato plants will ripen their crop three weeks earlier than Transplanted plants.

The man who has early ripe tomatoes gets the money for them.



LATE TOMATO PLANTS

Five hundred thousand Stone and Chalks Jewel, 75 cts. per 100, \$5 per 1,000. Ready May 10 to July 10.

FIELD GROWN PLANTS

CABBAGE PLANTS—Ready May 20 to September 1. Three million extra stocky Cabbage Plants sown thin in rows, twelve inches apart. Dug with forks (not pulled up), so every plant has mass of roots. Packed in damp moss and shipped carefully.

Can be shipped safely to Texas, Georgia, Florida, Alabama, Mississippi and Canada, and all nearer States.

All Head Early, Succession, Copenhagen Market, Henderson's Early Summer, Early Jersey Wakefield, Enkhuizen Glory, Flat Dutch and Surehead. 75 cts. per 100, \$5.50 per 1,000.

CELERY PLANTS—Ready July 1 to September 1. Two million hardy and extra fine plants, raised by heavy fertilization, in rows 14 inches apart, thinned by hand and kept entirely free of weeds. No plants shipped except good, strong plants. (Satisfaction guaranteed.) 75 cts. per 100, \$6.00 per 1,000.

GOLDEN SELF-BLEACHING (French Grown Seed)—White Plume, Winter Queen, Giant Pascal. 75 cts. per 100, \$6.00 per 1,000.



NON-WARRANTY

While we endeavor to have all plants true to name, carefully packed and promptly shipped, we give no warranty, expressed or implied, as to description, quality, productiveness or of any other matter, of any of the plants we send out, and will not in any way be responsible for the crop.

All orders accepted subject to plants being unsold.

Every order received will be accepted upon these conditions only, and they must be accepted by the customer when ordering.



\$1.00 SPECIAL OFFER \$1.00

Be sure to take advantage of the

HOLMES' COVER COLLECTION

Illustrated on back and front cover and full description found on second page cover. Bought as Cover Collection only \$1.00.



Satisfaction Guaranteed—Or Your Money Back

All Seeds or other articles listed in this Catalog are sold with the understanding that should they fail to please, we will refund the price paid or duplicate your order free.

BULK SEED DISCOUNTS

On a \$5 Order, Discount is 10 percent—On a \$10 Order, Discount is 12½ percent—
On a \$20 Order, Discount is 15 percent

This discount is allowed on all general orders for Flower and Vegetable Seeds in packets, ounces, quarter-pounds, pounds, pints, quarts, four quarts, pecks and bushels, when the order is for five or more items, BUT IS NOT ALLOWED ON AN ORDER FOR A SINGLE ITEM, NOR ON POTATOES, ONION SETS, BULBS, GRASS SEEDS AND FIELD SEEDS SUCH AS FIELD CORN, OATS, BARLEY, COW-PEAS, ETC. ON ORDERS OF PACKETS OR OUNCES AMOUNTING TO \$1.00, DEDUCT 20 CENTS FROM EACH ONE DOLLAR SENT.

We call this Catalog "Holmes" Advance Agent

Since the Parcel Post has been inaugurated, it is now just as easy for the farmer to buy direct from our catalog as to call at our store or have our salesman call on you. "The Tested Seeds" offered by the Holmes Seed Co. are seeds of "Known Vitality and Fertility," and are the best soil and cultivation can grow. Forty years' experience enables us to know, and we realize that the farmer and home gardener must have the best that grows.

OWING TO WAR CONDITIONS ALL SEED SHIPPED BY EXPRESS OR FREIGHT ARE SENT THIS WAY AT PURCHASER'S EXPENSE AND ARE SUBJECT TO DELAY.

ARTICHOKE

Artischoke Artiococca
Karczocky

Culture.—May be grown from seed sown in April, or from suckers taken from established plants. The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

Large Green Globe.—Grown chiefly for unripe flower heads, delicious.

Pkt., .05; Oz., .25; ¼ Lb., .85

By Mail, Postpaid

ASPARAGUS

Spargel Sparagio
Szparagi

Culture.—Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

BARR'S MAMMOTH.—Valuable for market; stalks large, tender, light. See illustration.

Pkt., .05; Oz., .10; ¼ Lb., .20; Lb., .75

Columbian Mammoth White.—New Variety; valuable for its whiteness.

Pkt., .05; Oz., .10; ¼ Lb., .25; Lb., .85

Conover's Colossal.—Mammoth, green, of largest size; extra good.

Pkt., .05; Oz., .10; ¼ Lb., .20; Lb., .75

GIANT ARGENTEUIL.—Early, large, good, flavor superb, white.

Pkt., .10; Oz., .15; ¼ Lb., .35; Lb., 1.00

Palmetto.—Thick, dark green shoots, early, uniform, disease-resisting.

Pkt., .05; Oz., .10; ¼ Lb., .25; Lb., .85

By Mail, Postpaid

ASPARAGUS ROOTS

Two years old; 2,500 roots are required to plant an acre.

Barr's Mammoth, and Columbian Mammoth White.

Per 100, 1.00; per 500, 3.00; per 1,000, 5.50

Conover's Colossal.—Old and well-known variety.

Per 100, .75; per 500, 2.75; per 1,000, 5.00

Giant Argenteuil.—Extra good, large.

Per 100, 1.25; per 500, 3.50; per 1,000, 6.50

Palmetto, or Eclipse.—Early, prolific.

Per 100, 1.25; per 500, 3.00; per 1,000, 5.50

By Express or Freight, Not Prepaid



Barr's Mammoth Asparagus

BROCCOLI

One ounce will sow a bed 40 feet square

Culture.—Same as cauliflower.

Early Purple Cape.—Heads of medium size, close, compact, brownish purple. Best suited to our climate, and of excellent flavor.

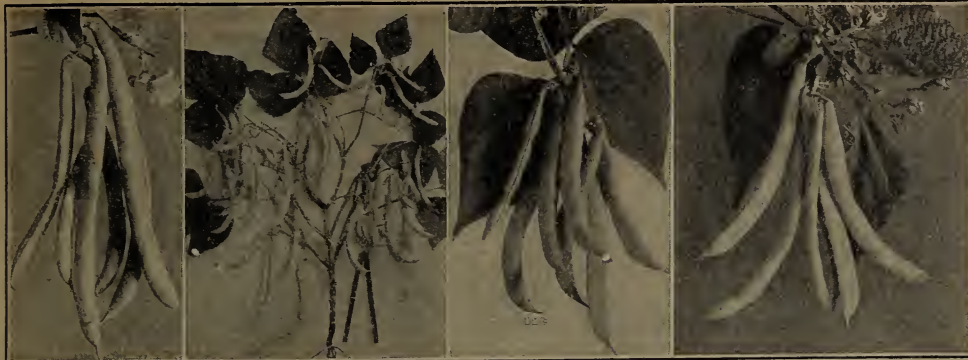
Pkt., .10; Oz., .35; ¼ Lb., 1.00; Lb., 3.75

BRUSSELS SPROUTS

Culture.—The seed should be sown in April or May, and the plants cultivated like cabbage. The heads are improved by frost. An ounce of seed will produce 2,000 plants.

Paris Market.—Dwarf, with small, solid, tender heads, growing close along the stem.

Pkt., .10; Oz., .20; Lb. ¼, .50; Lb., 1.50



Bountiful or Sure Crop Wax Beans

Giant Stringless Valentine

B.'s Stringless Green Pod

Wardwell's Kidney Wax



Holmes' Green Prolific Pole Lima

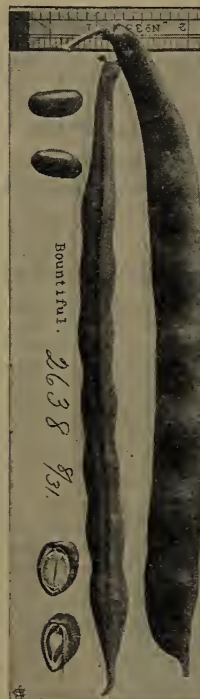
BEANS, "VICTORY"

NOVELTY

Beans have formed a staple of army diet for many years, because of their extremely high nutritive value which has demonstrated their great worth over a period of many years. They are not only delicious as a table vegetable, but they are also of high food value. We have named this wax bean "VICTORY" owing to its wonderful prolificness. The VICTORY is a dwarf growing variety, with strong vigorous vines about eighteen inches in height, producing early large yellow pods of extra size, measuring 7 to 7 1/2 inches long and more than 1/2 inch wide, and being of the semi-round type, give more meat than any other bean we know of. It is absolutely stringless and of excellent quality, but this is not all. The VICTORY is one of the most prolific bush beans we have ever seen, and their bountiful crop of splendid rustproof beans sells at sight. They can be picked rapidly, as they hang in great clusters. The illustration above, which is 1/8 natural size, gives a fair representation of this wonderful bean. Our many customers will not be disappointed in this, as well as the three other VICTORY novelties which we bring out this year.

Price of the above... Pkt. Lb. 2 Lbs.
 .10 .30 .55 postpaid by mail.

By freight or express at purchaser's expense:
 25 lbs. at 30 cts. per lb.
 50 lbs. at 28 cts. per lb.
 100 lbs. at 25 cts. per lb.



Round Pod Kidney Wax



Pencil-Pod Black Wax Beans



Fordhook Bush Lima

BEANS

Bohnen Fasola Fagioli

These prices are subject to change without notice

Culture.—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to 100 feet of drill. One and a half bushels per acre. We put up liberal-sized packets at 10 cts., postpaid.

SPECIALTY **GIANT GREEN-POD STRINGLESS VALENTINE BEAN**

An Extra-Early, Green-Podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. Ready for market in 45 days

One of the best green-podded Beans in the entire list, either for the home garden or for market. It is very early, exceedingly prolific, with pods fully one-third longer than the old standard Red Valentine. The pods are round and handsome and without any string.

SPECIALTY **BOUNTIFUL BUSH**

The first in the spring; last until fall; absolutely stringless

This is a flat-podded green Bean; enormously prolific and continuous bearer; early and late; absolutely stringless; very tender and excellent flavor.

SPECIALTY **STRINGLESS GREEN-POD**

Absolutely stringless, of fine flavor; the earliest green-podded Bean. Without any exception it surpasses all others in crispness and tenderness. The pods are absolutely stringless and ready to market two weeks earlier than the best stock of other early Red Valentines.

BLACK VALENTINE

Very popular in the South for shipping to market, being a very vigorous strong grower, making a long, handsome Bean, very meaty and one of the best and most prolific market sorts. See illustration.

Price of the above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45	postpaid. 20.00

DWARF GREEN-PODDED SNAP-SHORT BEANS

Best of All. Round; long glossy green; fleshy pods.

DWARF HORTICULTURAL.—An excellent green-podded sort.

Early China Red Eye.—Very early; old standard sort.

Early Mohawk.—Very early and hardy; long, flat, straight pods.

Large White Marrowfat.—For winter use.

LONGFELLOW.—Perfectly round; early; prolific; pods solid, fleshy.

Long Yellow Six Weeks.—Early, with full, flat green pods.

Low's Champion Bush.—Exceedingly fine; prolific.

NEW HODSON GREEN-POD.—Long, straight, round, green pods.

Red Kidney.

REFUGEE, or 1,000-to-1.—Late; hardy; very productive.

Refugee Extra Early.—Very prolific; exceptionally free from strings.

Round Yellow Six Weeks.—Very prolific; semi-round pods.

TENNESSEE GREEN-POD.—Excellent shipper; medium to late; flat pods.

White Kidney.—Medium-sized pods; coarse; dark green; late.

White Navy.—Sure cropper; prolific; good quality; early.

Price of the above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45	postpaid. 20.00

SPECIALTY **NEW ROUND-POD KIDNEY OR BRITTLE WAX BEAN**

The Meatiest, Crispest, Most Brittle and Entirely Stringless Bean Grown

Our customers have frequently asked for a round-podded Wax Bean, possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle and free from rust; wonderfully early and productive. See illustration.

SPECIALTY **SURE-CROP STRINGLESS OR BOUNTIFUL WAX**

A dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than ½ inch wide, nearly ½ inch thick, and of excellent quality. But this is not all. It is one of the most prolific Bush Beans known to the trade, and its bountiful crop of splendid Beans sells at sight. See illustration.

Price of the above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.50	postpaid. 25.00

DWARF WAX-PODDED SNAP-SHORT

Golden Wax.—The well-known old sort; popular for market.

IMPROVED RUSTPROOF GOLDEN WAX.—A greatly improved strain; more prolific and superior to the old Golden Wax.

Keeney's Improved Stringless Refugee Wax.—(New.) Decided improvement on old Refugee Wax; best for canning.

New Prolific German, or Cylinder Wax.—Very early and prolific; pods round, full and stringless.

Perfection Wax.—Large, handsome pods, very showy.

WARDWELL'S KIDNEY WAX.—Very robust and hardy, one of the very best, large-podded varieties.

Saddleback Wax.—Entirely stringless, of fine quality.

Valentine Wax.—A perfect Valentine Bean with a wax pod; valuable for both market gardeners and private planter.

Davis Wax.—Most hardy and productive wax bean in cultivation; pods long, straight and handsome.

Pencil Pod Black Wax.—Hardier and more prolific than the old German Wax. Pods long, pencil-like, tender and brittle.

Currie's Rustproof Wax.—Positively proof against rust and possesses most excellent quality.

Hodson Wax.—Sturdy grower; productive; a market Bean.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.45	postpaid. 25.00

POLE LIMA BEANS

HOLMES' GREEN PROLIFIC POLE LIMA.—Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness and is more productive than any other Pole Lima we have ever seen. See illustration.

CARPINTERIA LIMA.—Beans largest size and much thicker than old type. Extra-fine quality.

DREER'S IMPROVED LIMA.—A thick, almost round Bean; fine quality.

Extra-Early Jersey Lima.—Much earlier than Large White Lima.

King of the Garden Lima.—Very prolific and heavy bearer.

Large White Lima.—The old favorite.

Small White, or Carolina Sieva.—A small seedling variety.

TRUCKER'S DELIGHT EXTRA-EARLY LIMA.—The green shelled Beans are of immense size, tender and succulent.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.50	postpaid. 25.00

WAX-PODDED POLE, or RUNNING

Culture.—After settled warm weather, set 4 to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep; thin to four plants. One quart to 150 hills; 12 to 15 quarts to acre.

EARLY GOLDEN CLUSTER WAX.—Early; thick, flat pods; prolific.

Golden Butter Wax.—An excellent sort.

KENTUCKY WONDER WAX.—New. Fleshy and quite as stringless as snaps; golden-yellow.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.55	postpaid. 25.00

GREEN-PODDED POLE, or RUNNING

Golden Carmine-Podded Horticultural.—Early; stringless.

Horticultural, or Wren's Egg.—Best for corn Beans.

LAZY WIFE.—Pods dark green; fleshy; entirely stringless; rich flavor.

OLD HOMESTEAD (Kentucky Wonder).—Crisp, early and prolific.

Southern Prolific.—Continuous bearer.

WHITE CREASEBACK POLE.—Earliest snap-shorts; very productive; entirely stringless.

White Dutch Case-Knife.—Flat pods.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45	postpaid. 22.00

SPECIALTY **DWARF BUSH LIMA BEANS**

FORDHOOK BUSH LIMA

Fordhook Bush Lima has an ideal bush growth and bears tremendous crops. The Beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large Beans. See illustration.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.55	postpaid. 28.00

SPECIALTY **BURPEE'S IMPROVED BUSH.**—Enormous pods, borne abundantly; well-filled and very early.

These are the largest pods of any of the Bush Lima Beans; vigorous bush with heavy foliage; plants uniformly upright. Pods 5 to 6 by 1½ inches.

BURPEE'S BUSH LIMA.—Bushes 18 to 20 inches; immense yielder.

Dreer's Bush Lima.—Bush form of pole sort of same name.

Henderson's Bush Lima.—True bush variety, 18 to 20 inches high; early.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.55	postpaid. 28.00

HOLMES' ORIGINAL BUTTER BEANS

This Bean is not a Lima, but grows dwarf and very prolific. More delicious than the Lima.

The illustration herewith portrays accurately the HOLMES' ORIGINAL BUTTER BEAN

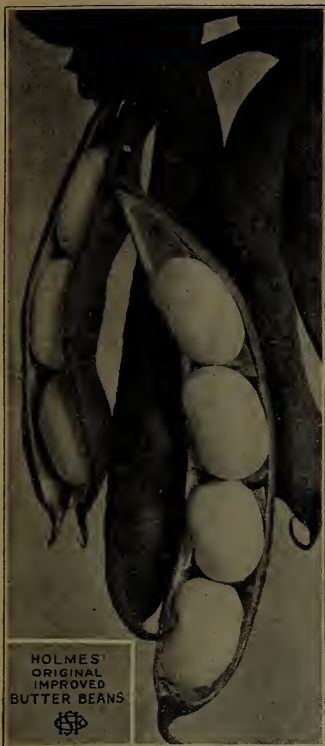
For many years, we have been endeavoring to find the true stock of the old time BUTTER BEAN, which has had such a remarkable sale in several parts of this country. About two years ago, we heard of these beans being grown in the far west and after making a thorough test of same, we found them to be the original butter bean, and so this year we grew quite a nice crop of the beans and have every expectation of securing a full crop, which enables us to put them out for the first time in our catalog.

We want every farmer and private gardener to give these beans a trial and be convinced that they are all we represent them to be. HOLMES' ORIGINAL BUTTER BEANS are a heavy bush bean with considerable vine. They are one of the heaviest croppers that we know of and they ripen about the same time as other varieties of bush beans. The pods hang on in clusters and the beans are as large as a lima bean, in fact, they are much thicker through than the Improved Bush Lima. The flavor is more delicious than any lima bean grown. We have no hesitancy in placing this bean before the public as we know it will give entire satisfaction to any one who will give it a trial.

Price per full sized packet, 10 cts.; pound, 40 cts.; two pounds, 75 cts.

or to those who desire to plant in quantity—

100 pounds, \$30.00. 25 pounds at the hundred pound price.



¼ Original Size

TESTIMONIAL

Camp Hill, Pa., Oct. 18, 1919.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen:

I have grown your Butter Beans and find them delicious. They cannot be too highly spoken of.

Yours very truly,

Mrs. Ella E. Beck.

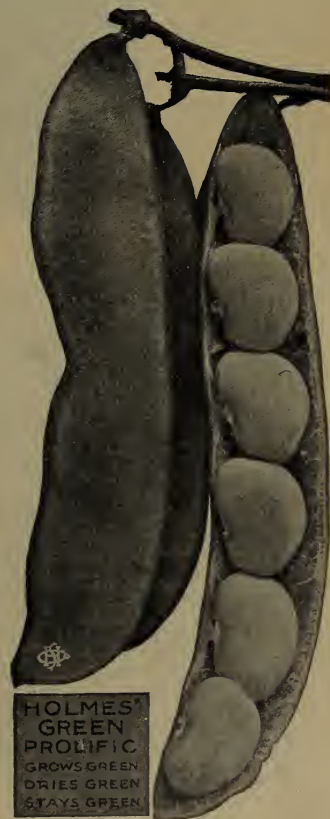
HOLMES' GREEN PROLIFIC POLE LIMA BEAN

GROWS GREEN, KEEPS GREEN AND DRIES GREEN. THE ONLY LIMA BEAN THAT IS ABSOLUTELY GREEN WHEN DRIED

The most productive Pole Lima Bean, as early as the Early Jersey and unquestionably the most prolific of all Pole Limas. See below.

ORIGIN

This Pole Lima was originated in Philadelphia over sixty years ago by Mr. Lafferty, a market gardener, in the "Neck"—that portion of South Philadelphia lying between the Delaware and Schuylkill Rivers. Mr. Lafferty was a gardener of renown who made a specialty of growing Lima Beans for family and hotel trade, and being a very careful gardener succeeded in the course of his lifetime in producing this Bean. Through careful selection of the Beans, close observation and long years of application, he finally became known in his locality as the best grower of Lima Beans in the "Neck." He cherished this Lima Bean and was careful to keep it to himself until he died, when his son, Godfrey, brought it to Mr. Wm. K. Harris, the noted florist in Philadelphia, about twenty-four years ago, and he has used his best endeavors to keep it as true as the original type.



½ Original Size

By mail, postpaid. Pkt., 15 cts.; 1 lb., 35 cts.; 2 lbs., 65 cts.; 10 lbs., at 30 cts. By express or freight, 100 lbs. at 25 cts. per lb.

"VICTORY" BEET

A DEEP BLOOD TURNIP BEET, WORTHY OF THE NAME—A VERY EARLY MATURING BEET, THE FINEST SHAPED IN THE WORLD, OF THE DEEPEST BLOOD RED COLOR, FREE FROM ALL WOODINESS AND OF DELICIOUS FLAVOR

SEE
GREATEST
OFFER EVER
MADE
2nd PAGE
COVER

For market purposes, the "VICTORY" can not fail to be a popular favorite everywhere, as its attractive appearance and perfect globe shape catches the fancy of the most critical buyer. For the amateur, this beet can not be surpassed, being exceedingly early and far superior in quality to the old Egyptian and many of the other early blood turnip beets. The leaves are small, upright, of rich purple color, and borne on slender stems, occupying but a small portion of the bulb. The roots are uniformly medium sized. The surface is remarkably smooth. The color of the skin and flesh is a brilliant, dark fiery red, the richest darkest red of any beet. This intensity of color is retained when cooked. The "VICTORY" is equally valuable for early framework and for the open ground. See illustration.

Price...	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.75	2.75



SWISS CHARD OR SPINACH BEET

Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as "boiling greens" and are most excellent for this purpose. The large white stalks (see illustration below) are used like asparagus; they are boiled and served in melted butter and are fully as delicious and even more tender than asparagus. If covered with a good mulch of straw, it will come up again early in the spring. May be sown until the first or even to the tenth of July, if small leaves are used.

GIANT LUCULLUS.—The plants grow to a height or two to two and one-half feet. The stalks are as thick and broad as those of rhubarb, being one and one-half inches broad, heavily ribbed, and from ten to twelve inches long below the leaf. The extra-large leaves of thick texture are heavily crimped or "savoyed" and of fine flavor.

Pkt.	Oz.	¼ Lb.	Lb.
.10	.25	.75	2.75



Holmes' White Top Blood Turnip Beet

SPECIALTY HARRISBURG MARKET BLOOD TURNIP BEET

The earliest and decidedly the handsomest distinct new Beet in Cultivation

The Harrisburg Market Beet is well represented in the illustration given. It is of true, turnip shape, has a single tap root, a smooth skin, a rich, tender quality and is free from the woodiness so often found in early varieties. It is ready to use in 45 days from time of planting and does not become coarse or stringy with large size like other varieties.

SPECIALTY HOLMES' DEEP BLOOD TURNIP BEET
A Valuable Market-Garden Variety

For several years we have been trying, at the instigation of many of our market-gardening customers, to secure a Beet which comes early, is of deep blood color, and has small tops. We have succeeded in securing a variety that, while not as early as the Harrisburg Market, has the color and texture desired. From trials made at our trial grounds it proves to be the best deep blood Beet for both market and home gardeners.

SPECIALTY HOLMES' BEET

Exceedingly Tender, Magnificent Form and Blood-Red Flesh

Extremely early, of perfect globe shape and of the finest quality. This Beet we sent out several years ago as No. 27, and the many excellent reports we received convinced us that it was a Beet worthy of introduction. Our trials also convinced us that it was a Beet far superior to anything we had yet introduced.

Bastian's Blood Turnip.—A fine second early, following Egyptian and Eclipse.
Crimson Globe.—The finest table Beet grown. Early, of medium size, uniformly round; color, deep crimson throughout; exceedingly tender and sweet and a good keeper.
CROSBY'S EGYPTIAN.—Very early and of excellent quality; small tops.
Price of above..... ¼ Oz. Oz. ¼ Lb. Lb.
.10 .20 .50 1.50

BEETS Rubea Barbabietola Buraki

Culture.—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow first week in May; for winter, sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow 5 pounds to the acre. Our selected stock of Beets is uniform and of fine quality. French-grown Beet seed is far superior to that grown in America, producing Beets uniform in every respect. Ours is French.

NOVELTY HOLMES' "WHITE TOP" BLOOD TURNIP BEET
A NEW BEET OF SUPERIOR MERIT
A Beet That Advertises Itself

For the past seven years we have been working up the stock of this particular beet, making our selection carefully from year to year, getting it ready to put on the market as near perfection as we could possibly wish. Whoever saw an absolutely light green top beet with pure blood-red root? It is unique in this particular way; it is one of the most tender of beets, of delicious flavor, and is absolutely unsurpassed for quality by any beet that we know of. This grand new beet—**HOLMES' WHITE TOP BLOOD TURNIP**—is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth, regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in this new beet. It is an ideal main crop beet and outsells all others wherever it is known.

Our stock seed of this beet was produced from a single plant which was grown by Mr. W. W. Tracy, of the Department of Agriculture, Washington, D. C. In conversation with Mr. Tracy, he remarked that this was the most unique novelty of the kind that he had ever seen, and he thought it was of so much value that he produced seed that he gave to our Mr. Holmes. He also stated that it was entirely distinct from any other beet he knew of and especially from the beet that was called the Cheltenham, and furthermore said in his opinion we had a great novelty.

We would advise any of our customers who want an exceptionally fine beet to try this. The seed sells at 10 cts. per pkt., 20 cts. per oz., 75 cts. per ¼ lb., \$2.50 per lb., 5 lbs. and over \$2.25 per lb.

THE FOUR BEST BEETS FOR MARKET-GARDENERS
HOLMES' EARLY SURPRISE BEET
For early or late planting

Since its introduction by us several years ago, this extra-early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich, blood-red Beet, with fine grain and delicious flavor. Equally as good as the famous Harrisburg Market Beet, although a little different in shape. Especially valuable for market on account of extreme earliness and size. See illustration.

DETROIT DARK RED.—A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either early or late.

Dewing's Improved Blood Turnip.—Handsome, smooth and round, tapering at the base; flesh strongly zoned, of fine quality.

Dark Stinson.—Roots good size; tops small; flesh fine grained, free from any woodiness.

Early Blood Turnip.—A standard variety, following Eclipse in earliness; quality excellent; color, deep blood-red; the tops make excellent "greens."

Eclipse.—Extremely early; of uniform globular form; glossy red, flesh fine grained and unusually tender and sweet.

EDMAND'S.—A handsome, uniform, round, turnip-shaped Beet, very smooth and good size; tops small; flesh red and fine quality; fine for late.

Egyptian.—A standard extra early sort, being 10 to 12 days earlier than the old Blood Turnip. The roots are round and flattened, of good size and deep crimson in color; tops unusually small.

HOLMES' PERFECTED HALF LONG.—A Blood Beet of superior quality, tender, sweet and free from woody fibre; for slicing it is unequalled; flesh of vivid rich red color. The bulbs, about 3 inches in diameter, are pear-shaped, with slender tap root.

Lentz.—Leaves and roots are pale in color, but of delicious quality.

Long, Smooth Blood Red.—An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color.

Swiss Chard.—Delicious for Spinach.
Price of above..... ¼ Oz. Oz. ¼ Lb. Lb.
.10 .20 .40 1.50

MANGEL-WURZELS AND SUGAR BEETS Futter Ruben

Culture.—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

Golden Giant Intermediate.—Keeps well; grows over half above ground.

Golden Tankard.—Distinct; highly prized by dairymen.

Lane's Imperial Sugar Beet.—American sort; productive.

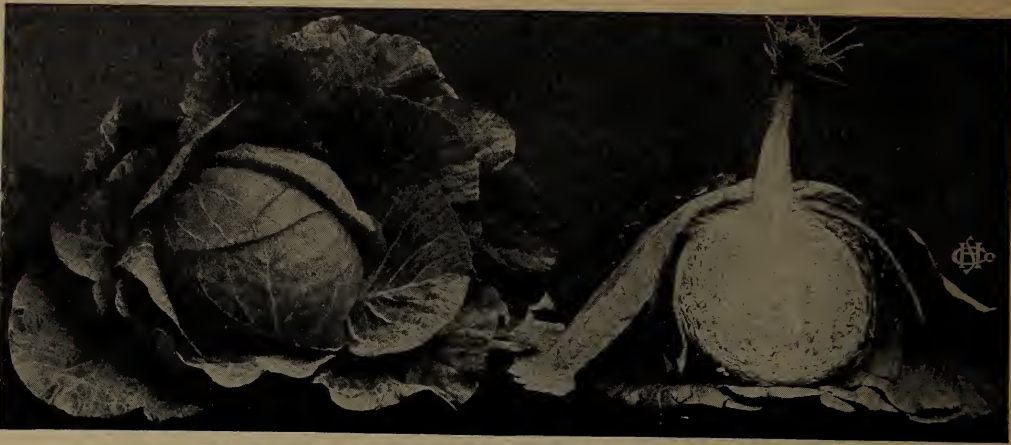
Mammoth Prize Long Red.—Enormously productive.

Vilmorin Improved Sugar.—Not so large as others, but has as much sugar.
Price of above..... Oz. ¼ Lb. Lb.
.15 .30 .90

SPECIALTY



Holmes' Early



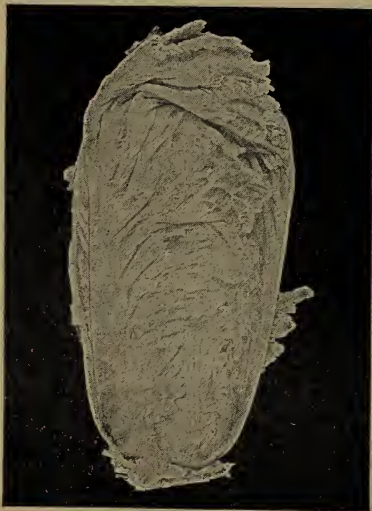
Copenhagen Market Cabbage. The Best Early Cabbage from Denmark



Holmes-Houser Cabbage. Very Late



Holmes' Perfected Late Flat Dutch



PE-TSAI—From a Photograph

Pe-Tsai, Chinese or "Celery" Cabbage

The new vegetable known as Chinese celery cabbage was unknown in this country, except among the Chinese of the Pacific coast, but it is now being grown in every state in the Union by those who are ready to grow something new and try it in every possible way to determine the good qualities. The culture is the same as for Winter Cabbage.

Is not found practical to grow it in the early summer, as it inclines to go to seed without heading. The seed should be sown in July to September, half inch deep in the row, and rows about 24 inches apart. When the plant has grown up 5 or 6 inches in height thin to 10 inches apart, keeping the best and pulling up the others. Cultivate well, and when large enough should be blanched by earthing up and tying closely with burlap. Any good soil is sufficient, a most excellent vegetable can be grown. Develops quickly, and as the weather gets cooler, it heads up nicely, producing nice, crisp, celery-like stalks, closely headed in, until it forms quite a compact mass. It can be eaten raw, made into salads, or cooked as cabbage or greens. Does not require long to cook thoroughly. Is rapidly finding a place in the markets, and people are using it as rapidly as it is brought to them. Will be found an excellent addition to late summer and autumn vegetables.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00 postpaid.

CABBAGE

PURE AMERICAN-GROWN TESTED SEED

Kopfkohl Cavolo cappuccio Kopusta

For years we have given the selection of Cabbage seed particular attention. We have selected only such varieties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

Culture.—Sow in hotbeds in February, or still better, from September 10 to 20 and winter the plants over in a coldframe. Transplant March 15 to April 15 about 20 inches apart, in rows 2 feet apart. For second-early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July; the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000 plants.

SPECIALTY

HOLMES' EARLY.—The Largest Early Round-Headed Cabbage. Five years ago, as "No. 138," we sent out samples of this new Cabbage. Before listing it, we desired to get the sentiment of practical growers, and test it out in every particular as to solidity, season, growth, ability to withstand dry weather and hot sun, to do well in all soils in all parts of the country. It has been all we hoped it would be; in fact, from our own tests, and from reports received, it has far exceeded expectations. This new Cabbage combines two good qualities—large size and very early season. The heads are large, globe-shaped, solid, finely ribbed. Resists blight and drought.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.60	2.25	6.00

DANISH BALLHEAD, or HOLLANDER.—This Cabbage has few equals for winter use. It is highly prized in Denmark, and is grown there almost exclusively for winter Cabbage. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The quality is second to none.

DANISH ROUNDHEAD.—An earlier, shorter stemmed type of the Danish Ballhead. Danish Roundhead, with less outer foliage, is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.40	1.50	5.00

DANISH RED STONEHEAD.—Vigorous, hardy, sure-heading, large and heavy, and, as it has a neat habit, requires small space and can be planted close together. The heads are solid, well shaped, and of a dark red clear through.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.40	1.50	5.00

SPECIALTY

THE HOLMES-HOUSER, or "H-H" CABBAGE

Noted for Its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

Introduced by Holmes Seed Co. thirteen years ago and has grown into popular favor. No other late variety can approach it in quality, size, productiveness, smallness of heart and good keeping qualities. Our original stock produced heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered into a contract several years ago with Mr. Houser to supply us with one pound of seed of his own selection at a cost of \$50. This seed is then sent to Long Island to one of the best cabbage growers, where it undergoes a second selection. Our agreement with the grower is that we take the entire crop, and not a single ounce of this seed is to go to any other seedsmen. Consequently, the pure and genuine stock can only be had direct from us, or from some of our regular wholesale dealers to whom we sell the seed.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. Look for the seal on every package, and make your dealer show you our seal with our name on it.

A WARNING.—It is absolutely necessary to plant out the Holmes-Houser Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the flat Dutch types or any other late variety.

NOTE.—The crop of Cabbage this year was very short, owing to the climatic conditions. We would warn you against seed offered as Holmes-Houser by many unscrupulous dealers.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.75	2.75	10.00

SPECIALTY

COPENHAGEN MARKET

Offered for the First Time in 1911. It Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Charleston Wakefield

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbage in the markets of Copenhagen. Market gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, 10-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium

in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator. By mail postpaid.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.60	2.25	6.00

EXTRA-EARLY VARIETIES

EARLY JERSEY WAKEFIELD.—This famous Cabbage still retains its lead. The heads of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly bred, selected stock and is unequaled.

EARLY CHARLESTON WAKEFIELD.—This is the largest Early Cabbage, which we bred from the Early "Jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all the valuable characteristics of the parent, with the advantage of the heads being 50 percent larger, though a few days later. Our strain of seed is very superior.

Prices of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.35	1.00	3.50

Extra Early Express.—Earliest of French Cabbage; small, pointed head.

Early York.—Very early, producing small, oval-shaped heads.

Early Winingstadt.—An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra earlies.

ALLHEAD EARLY.—A flat head, coming in with Early Summer; much larger.

Early Flat Dutch.—We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop.

Prices of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.35	1.00	3.00

SECOND-EARLY, or SUMMER VARIETIES

Early Summer.—This peerless variety; it makes a large, solid, round flat head, coming about ten days later than Wakefield.

Succession, Henderson's. Universally conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, ten to twelve pounds in weight; quality extra fine and a good keeper.

ALL SEASONS (VANDERGAW).—One of the finest; growing to a large size quickly. Will stand hot sun and dry weather.

Fottler's Improved Flat Brunswick.—Large, solid heads; fine for early or late. Considered by many gardeners as second to none of the second-early varieties.

LIMITED MAIL.—A superb second early variety. Produces hard, pointed heads of good size. Often sold as Lightning, Express and several other fancy names.

Stein Early Flat Dutch.—An excellent variety for winter use and valuable for market-gardening.

Prices of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.35	1.00	3.50

LATE, or WINTER VARIETIES

Autumn King, Henderson's.—The acknowledged "King" of all Winter Cabbages, excepting only Holmes-Houser, producing enormous solid heads, weighing 25 to 30 pounds; interior crisp, fine-grained, white splendid keeper.

HOLMES' PERFECTION LATE FLAT DUTCH.—Our improved highly bred strain of this old favorite Winter Cabbage will be found very superior.

Short-Stem Drumhead.—Selected strain; ripens early.

Red Dutch.—For pickling.

Surehead.—Fine large solid heads, with few outside leaves.

SAFE CROP.—(Same as Houseman's Late Flat Dutch.) A good strain.

Perfection Drumhead Savoy.—The largest heading Savoy; a general favorite for both home use and marketing.

Prices of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.35	1.25	3.75

CELERIAC

Knoll-Sellerie

Sedano-rapa

TURNIP-ROOTED CELERY

Brukiana

Large, turnip-like roots which keep well for winter use, Fine cooked, for flavoring soup or sliced and used as a salad.

Large Smooth Prague.—Almost round, uniform, smooth-skinned; free from side roots.

Price of the above.....	Pkt. .10	Oz. .30	¼ Lb. 1.00	Lb. by mail, postpaid
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CHICORY

Cichorienwurzel
Cicoria selvatica Cukorya

Large-Rooted or Coffee.—Largely used as an adulterant or substitute for coffee.

Price of the above.....	Pkt. .05	Oz. .15	¼ Lb. .35	Lb. 1.00 by mail, postpaid
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COLLARDS

Georgia.—A substitute for cabbage, grown in the South. Leaves, when cooked, are tender and delicate.

Price of the above.....	Pkt. .05	Oz. .15	¼ Lb. .35	Lb. 1.00 by mail, postpaid
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CORN SALAD

Feldsalat
Valeriana

Large-Leaved Feticus, or Lamb Lettuce.—For late fall, winter and spring. Used as a substitute for lettuce.

Price of above.....	Pkt. .05	Oz. .10	¼ Lb. .25	Lb. .75 by mail, postpaid
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CRESS

Gartenkresse Agretto
Rzeczucha

Fine Curled (Pepper Grass).—Quick-growing, crisp, pungent, refreshing.

Price of above.....	Pkt. .05	Oz. .10	¼ Lb. .20	Lb. .50 by mail, postpaid
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Water Cress.—Seed may be started in pans or boxes of very moist earth, and the young plants transplanted to shallow water along banks of ponds or running streams.

Price of above.....	Pkt. .10	Oz. .40	¼ Lb. 1.25	Lb. 3.50 by mail, postpaid
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Holmes' Dry Weather



CARROTS

Mohren Caroto
Marchew

One ounce will sow 100 feet of drills; three pounds an acre

Culture.—A good, light, well-enriched sandy loam is the best for this crop. Market gardeners sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, so as to cultivate by horse. For early crops, over ½ inch deep, thin to 6 inches apart. For late, cover ¾ of an inch.

Please remember to deduct 10 cents per pound from these prices if ordered by express or freight at purchaser's expense

PRICES, DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

Early Half-Long Scarlet.—A distinct, slender, cylindrical variety, with few and small leaves; skin glossy and smooth; flesh red and without core; extra fine. Fine for forcing and frame.

CHANTENAY HALF-LONG SCARLET.—A stump-rooted variety of handsome shape, medium early, very productive and of fine quality.

DANVERS HALF-LONG.—A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality, with but little core.

Early French Forcing.—The earliest, and largely grown for forcing. Small, almost globular; roots orange-red in color.

Early Scarlet Horn.—A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market and is sometimes forced. A fine table Carrot, and when pulled young is excellent for soup.

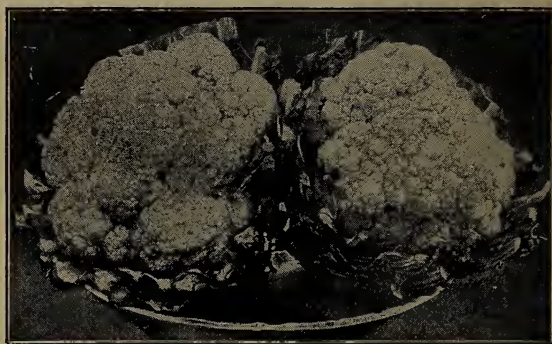
Long Red Altringham.—A shapely stump-rooted variety of medium size and the best for private gardens, for summer use; medium early.

Long Orange Improved.—An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yield and a good keeper.

OXHEART, OR GUERANDE.—Very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good all-season Carrot.

White and Yellow Belgian.—Used principally for stock.

Price of above.....	Pkt. .05	Oz. .15	¼ Lb. .50	Lb. 1.75
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Holmes' Improved Early Snowball Cauliflower

CAULIFLOWER

Blumenkohl Cavolfiore
Kalafory

Culture.—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.

HOLMES' DRY WEATHER CAULIFLOWER.—Reaches Perfection when Ordinary Sorts fail. This new strain originated in Denmark, but has been fully tested in America with the most happy results. We offered it in 1907 for the first time and are well satisfied with its behavior. It produces a large, solid, pure white head, maturing a little later than Snowball. It is in all respects a first-class Cauliflower, but is especially and peculiarly adapted to dry situations and to resisting the effects of droughts. It will not thrive in poor soil or under bad treatment, as, like all other Cauliflowers, it requires manure and culture, but it will succeed with less rainfall than any other variety within our knowledge. It will also do well in moist or wet seasons, making heads equal to the best; but it is in dry seasons that its merits appear to best advantage, and we are confident that it will extend the culture of this delicious vegetable into locations in which it is practically unknown. See illustration.

Price of above....	Pkt. .20	¼ Oz. .85	Oz. 3.00	¼ Lb. 8.00	Lb. 30.00
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Extra-Early Dwarf Erfurt.—Good-sized heads; fine for open ground fall crop.

Price of above.....	Pkt. .15	Oz. 2.50	¼ Lb. 7.00
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HOLMES' IMPROVED EARLY SNOWBALL.—A grand Cauliflower.

For forcing, coldframe or open ground. See illustration.

Price of above.....	Pkt. .15	Oz. 2.50	¼ Lb. 7.00
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Veitch's Autumn Giant.—A large-growing, late variety, splendid white heads.

Price of above.....	Pkt. .10	Oz. .60	¼ Lb. 2.00
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CELERY Sellerie Sedano
Selery

Culture.—Sow in a finely prepared seed-bed, and keep the bed moist. In setting, prepare shallow trenches, 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 4,000 plants; one pound will produce sufficient plants for an acre.

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

**A FEW LETTERS TO CONVINC
YOU THAT "HOLMES EMPEROR"
CELERY NAMED AND INTRODUCED
BY US IN 1912 IS THE BEST FOR
WINTER USE**

Miller Bros., of Elmira, N. Y., dealers in Farm and Garden Products, write—February 27, 1919:

"We must say that your 'Emperor' Celery is the finest stock ever introduced as a late, green celery. There never was anything equal to it for size and quality, also keeping qualities. We are just winding up last season's crop and assure you there was never any celery on the market this time of the year, that ever came up to it. Absolutely no sale for Columbia or Pascal among the best dealers as long as our stock of Emperor lasted."

C. C. Morse & Co., Seed Growers of San Francisco, California, write:

"A few years ago you had a very fine strain of celery, which Mr. W. Atlee Burpee bought from you and sold under the name of Emperor, and while we have some stock of our own growing, we are inclined to think that your strain is superior. Will it be possible for you to let us have two or three ounces of it for stock seed?" (Signed, Lester L. Morse, President & General Manager.)

Mrs. J. Mac Graham, R. D. No. 9, Carlisle, Pa., writes:

"I planted the 'Emperor' Celery seed which I purchased from you and it is a magnificent celery. My friends told me I had the finest celery that came to Carlisle market."

Mr. John H. Sholly, Jonestown, Lebanon County, Pa., writes:

"I have been planting your 'Holmes Emperor' celery since the first year you sent it out in trial packets, and I would advise everybody to plant the 'Emperor', for it is by far the best celery that I ever raised and I have tried nearly every kind that I could find, but never found anything near its equal for quality or flavor. When you send my seeds, please send the Emperor Celery in eight packets, not all in one as some do, for I want a few packets for some of my friends."

Early Varieties

**HOLMES' IMPROVED GOLDEN SELF-BLANCHING CELERY
(FRENCH GROWTH) THE BEST EARLY CELERY**

Critical Market Gardeners Say Ours is the Finest They Ever Had

For some time past we have been carefully selecting the stock of this well-known Celery from the original strain. We believe now we have so far perfected it that when once grown you will have no other. The stalks are much broader than the White Plume and greatly superior in quality, and is ready for market almost as soon, producing dwarfier and much larger bunches of fine, heavy stalks, which are crisp, tender and of nut-like flavor. We can recommend this particular strain to our customers. Price of above, **French Grown Seed.** Pkt. 1/2 Oz. 1/4 Lb. Lb.

.15 .75 1.50 4.00 15.00

IMPROVED SNOWWHITE CELERY

The new Snowwhite is a pure white, self-blanching Celery, introduced in 1902, after five years of careful selection and improvement. It is without a rival in purity of color.

Holmes' Scarlet Plume.—Practically identical with White Plume; solid, stringless, flavor delicious, crisp and nutty.

Price of above..... Pkt. Oz. 1/4 Lb. Lb.
By mail, postpaid .10 .30 .80 2.50

HOLMES' SELECTED WHITE PLUME.—Earliest variety grown; can be blanched for the table in September.

Price of above..... Pkt. Oz. 1/4 Lb. Lb.
.10 .35 1.00 3.50



**EASY
BLANCHING
CELERY**

The **QUICKEST** and **EASIEST** TO BLANCH—Superb quality, stringless and fine flavor

A new variety of Celery with remarkable easy blanching characteristics, so much so that even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers, and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower. Pkt., 10 cts.; 1/2 oz., 30 cts.; oz., 50 cts.; 1/4 lb., \$1.75; lb., \$6.00.

Holmes' Emperor Celery
Second-Early, Long-Keeping and Winter Varieties

**HOLMES' NEW GREEN CELERY, EMPEROR
INTRODUCED BY US IN 1912**

The finest-flavored, most brittle Celery ever grown

One of the largest seedsmen of the country said: "It is the greatest novelty that has been introduced since the introduction of the Burpee's Bush Lima Beans."

For seven years we have been selecting this seed, and growing from individual specimens to firmly establish the good qualities as given below:
First: To retain the flavor, which, in the green state, is as fine as when bleached.

Second: Solidity, free from the hollowness so often found in many Celeries.

Third: The stems, instead of being moon-shaped, we have been breeding to as near round as is possible, and are found only in "Holmes' Emperor," a distinguishing characteristic not found in other sorts, and is fully established. When we say it **surpasses every Celery known, you can rest assured we know.** The market-gardener who grows **Holmes' Emperor** will find a ready sale for it.

Price of seed, originator's own stock, sealed..... Pkt. 2 Pkts. 1/2 Oz. Oz. 1/4 Lb. Lb.
Seed as sold by other dealers .15 .25 .50 .85 3.00 10.00
.10 .15 .25 .40 1.25 4.00

NEW COLUMBIA CELERY

A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Giant Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-Blanching, which it resembles when trimmed and bunched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety.

Price of above..... Pkt. Oz. 1/4 Lb. Lb.
.10 .40 1.25 4.00

Dwarf Golden Heart.—Large heart; solid stalks, blanching golden yellow.

GIANT PASCAL.—Desirable green winter Celery. Long-keeping; robust, healthy, stocky, 2 feet high.

Giant White Solid.—Sold as large-ribbed Kalamazoo. Compact-growing variety.

Perfection Heartwell.—Splendid for late use; excellent keeper; fine flavor.

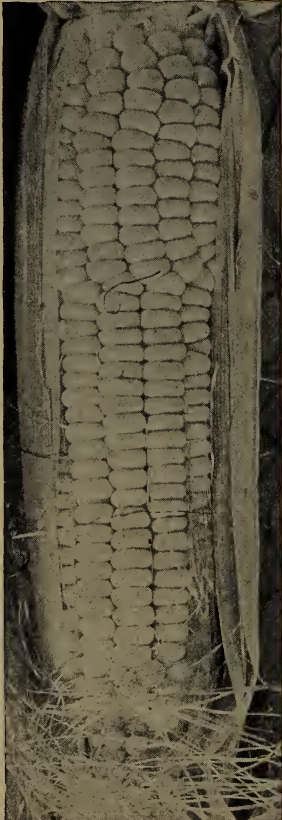
WINTER QUEEN.—Best late or winter keeper; ribs thick; very solid.

Price of above..... Pkt. Oz. 1/4 Lb. Lb.
.10 .25 .75 2.50
Giant Pascal, our own growing .10 .35 1.00 3.50

Soup Celery. (Old seed.) Excellent for flavoring. Lb. 50 cents.



BE SURE TO ADD OUR COVER COLLECTIONS TO YOUR ORDER.



VICTORY SWEET CORN

READY FOR MARKET IN SEVENTY DAYS

The Sweetest, Largest Eared and Most Prolific Sweet Corn Ever Introduced

"VICTORY" SWEET CORN can be planted as early as the Premo, when weather conditions are right. This corn will come in from seventy to seventy-five days, from ten to fifteen days later than the Premo, which is considered the earliest sweet corn grown today. The ears contain twelve rows of deep grains, which are protected by a heavy husk and two fine ears are frequently produced on one stalk.

C. S. CLARK, the noted Corn Grower of Ohio, says:

In regard to the Victory Corn will say that it is a splendid grower, very sweet and tender, fodder grows same height as Stowell's Evergreen, full of red cast fodder making it very pretty to look at. The corn is itself pure and clean, free from smut, is well bred. You cannot say too much in its favor. It is a splendid shaped table ear, being eight to twelve rowed and is about the same season as Stowell's. It retains its whiteness when put up in the can, as distinct from the yellow tinge of the still popular original Stowell's Evergreen.

Price.....Per pkt. 10c; Lb. 30c; 2 lbs. 55c; 100 pounds \$25.00

SWEET, or SUGAR CORN Mais Kukurudz **These prices are subject to change without notice**

Culture.—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and, for a continuous supply all summer, make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, 8 to 10 quarts in hills for an acre.

SPECIALTY

HOLMES' PREMO

Ready for the Table 60 days after Planting. We originated and introduced this variety in 1900

One of the earliest and best Sweet Corns in existence. The best seed can be had only from the introducers. Market gardeners will make no mistake in planting this Corn for a money crop. It is a success, not an experiment.

Holmes' Premo is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full crop at the time of the very highest price. The stalks, which grow very strong and stiff, about 5 feet high, are free from smut and will grow in any soil, as well as resist drought and bad seasons generally to a very marked extent. See illustration.

NOVELTY

HOLMES' SWEETHEART

Delicious Flavor; Ears 8 to 10 inches; Twelve Rows

This new sweet corn, now for the first time introduced by us, is one of the most valuable sweet corns offered in many years. The ears measure 8 to 10 inches in length, symmetrical shape with twelve even rows of broad and very deep grains covering the small white cob from heel to tip. The cobs range in diameter from three-fourths to one inch. The grains do not shrink so much when rightly cured and dried as some of the other types, such as Country Gentleman and Evergreen. "Holmes' Sweetheart" is the outcome of a selection from both the Evergreen and Country Gentleman, and then crossed again with a variety which was obtained from a garden specialist, which he named "French Honey," retaining the sweetness of the latter and the depth and breadth of the grain from the former varieties. It is a main crop, coming in two weeks earlier than the Evergreen. The grains are a silvery gray, semi-transparent. The stalks average in size from 7 to 9 feet. This depends greatly on the soil where planted. It is a full cropper, thrifty, hardy and prolific. Frequently, there has been as many as four well formed ears on one stalk, two on each side. It can be planted in this locality about May 1 to 10, afterwards in regular succession of ten days. See illustration, back cover.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.50 postpaid.	20.00

SPECIALTY

HOLMES' TOP-NOTCH

Delicious Flavor. Ears from 10 to 12 inches Long

For several years we have been growing this variety. The **Top-Notch** strongly favors the Early Mammoth, but is much longer in the ears, measuring 11 inches. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn for a late variety I ever used." It comes in about the same season as early Evergreen and is the largest and best Sweet Corn grown. Anyone desiring Sugar Corn producing ears of immense size, delicious flavor and earlier than the Evergreen, will do well to give the **Top-Notch** a trial. It comes in at the time when Sweet Corn brings its best price. See illustration on cover.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.35	.60 postpaid.	25.00

SPECIALTY

HOLMES' GOLD COIN EVERGREEN

Every gardener in the world knows the Evergreen Corn. Our **Gold Coin** is a selected strain of the old Stowell's Evergreen, being more even and coming in even throughout the crop. We can recommend it as being far superior to the old strain and will test 90 percent of vitality. See illustration.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.50 postpaid.	20.00

SPECIALTY

MORSE'S GOLDEN CREAM SWEET CORN

GOLDEN YELLOW COUNTRY GENTLEMAN FLAVOR DELICIOUS

The verdict has been unanimous in its praise. Everywhere it has proved a much better Sweet Corn than we ourselves had anticipated, and we feel that it is worthy of first place among vegetable attractions this season. The kernels are long and pointed and are borne on a very slender cob in irregular rows. In its green state the kernels are light yellow, but they cook to a bright golden yellow. The stalks grow about 4 to 5 feet high and bear from two to four ears. The shucks are tinged with brown and the tip of the silk is also slightly brown. The ears vary in size, but average about 5 inches in length—rather smaller than the old-fashioned Sweet Corn, but easily handled in eating. The flavor is delicious and in sweetness and tenderness resembles both parents, **Golden Bantam** and **Country**

Gentleman. It is as early as the former, being one of the first of the main-crop varieties. We hope every one of our customers who has a spot in his garden will try it.

SPECIALTY

GOLDEN BANTAM SWEET CORN

This corn is extra early, very sweet and of a delicious flavor. As indicated in its name, the grain, when ready for use, is a rich, creamy yellow, deepening to an orange-yellow as it ripens. We do not recommend it as a market sort, as its color gives it the appearance of being old; but when once used it will be popular on account of its rich flavor.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.55 postpaid.	22.00

SPECIALTY

HOWLING MOB, NEW

The finest large-eared second-early Corn, of delicious flavor. In the vicinity of Pittsburgh the gardeners plant this extensively, as they claim it is far ahead of any other second-early Corn and sells on sight.

FIRST-EARLY VARIETIES

Early Adams, or Burlington.—Robust; early; productive; handsome ears for marketing, but of inferior quality.

Early Metropolitan.—Ears 9 inches long; 10 to 12-rowed, filled with luscious white milky kernels.

EARLY MINNESOTA.—Standard early of dwarf growth, coming in between Cory and Crosby's; ears fair size, good quality.

Extra-Early Dwarf Adams.—Not Sugar Corn, but sweet and tender. Small ears.

KENDEL'S EARLY GIANT.—Large handsome ears; ready in 70 days.

PEEP O'DAY. New. Good early variety.

White Cob Cory.—Extremely early, usually fit to use in from 50 to 60 days; ears 6 to 7 inches; milky white kernels; sweet, tender. Plants dwarf.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45 postpaid.	20.00

MEDIUM-EARLY VARIETIES

Black Mexican.—Medium early, 8-inch ears, well filled with large kernels which, though black when ripe, are white when green and then exceptionally sweet.

CLARK'S NONESUCH.—Best large-eared, second-early Sweet Corn.

Crosby's Early. Second early, of fine quality.

Early Mammoth, or Asylum.—Much earlier than Late Mammoth.

NEW EARLY EVERGREEN.—Ears as large as Stowell's; 10 days earlier.

Perry's Hybrid.—Second early; large, white kernels; sweet; tender.

Shaker's Early.—Very large, white grain; early; productive.

Stabler's Early.—Large eared; second early; sweet.

Holmes' Delicious.—Very sweet, large and tender.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45 postpaid.	20.00

LATE, or MAIN-CROP SWEET CORN

COUNTRY GENTLEMAN (Shoe-Peg, or Ne Plus Ultra).—Ears 8 to 9 inches long; cob small and irregularly crowded with pearly white kernels of great depth; surpassingly sweet and tender.

Egyptian, or Washington Market.—Fine for market; ears large.

HENDERSON SUGAR.—An ideal midseason Sweet Corn.

Hickox.—Earlier than Stowell's Evergreen; good for drying.

Mammoth.—Very late; ears 14 inches; broad, white kernels; superb quality.

Moore's Concord.

STOWELL'S EVERGREEN.—The standard late, for home, market and canning; kernels long, tender and sugary.

WHITE EVERGREEN.—A high bred, ideal type of Stowell's Evergreen, with all its points of merit.

Zig-Zag Evergreen.—Good-sized ear; deliciously sweet.

Pop Corn: Golden Queen and Silver Lace.

Prices of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.25	.45 postpaid.	20.00



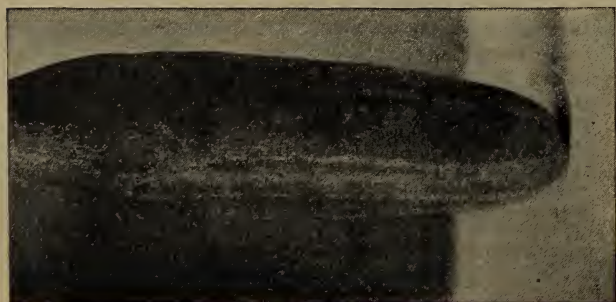
Improved White Spine Cucumber



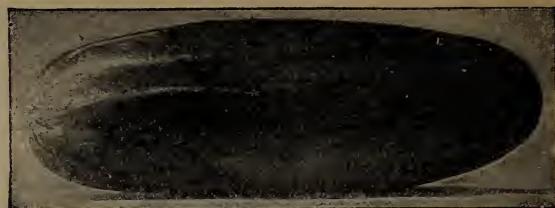
Holmes' Special White Spine Cucumber



Holmes' Improved Long Green Cucumber



Davis Perfect Cucumber



Holmes' Perfect



The Davis Perfect Cucumber

CUCUMBERS Gurken Cetriolo Ogorek

One ounce will plant about 50 hills; one to two pounds to the acre

Culture.—An ounce will plant about 50 hills. Sow about first of May in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks; plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

SPECIALTY HOLMES' SPECIAL WHITE SPINE

This Cucumber can not be praised too highly. It is nothing more or less than an extra-fine type of what is unquestionably the best and most widely grown Cucumber in America. It is unsurpassed as a table and market sort, and is also used for pickling. No other kind exceeds it in productiveness, and it is equally good for forcing under glass or growth in the open air. We have a record of where a single hill of three vines produced over 500 Cucumbers during the season. The fruit is from 5 to 7 inches long and 2 to 3 inches in diameter. Color, a beautiful dark green; straight, and does not turn yellow. The illustration shows most accurately the fine shape this Cucumber attains.

Cool and Crisp.—Extra early, tender and crisp, and a grand pickler.
DAVIS PERFECT.—A forcing variety of excellent quality, shape and productiveness. See illustration.

Early Cluster.—An early, prolific, prickly, short green Cucumber.
Early Frame, or Short Green.—For slicing or pickling; productive; early.

Everbearing.—Form perfect; rich, deep green; desirable for pickling.

Extra-Early Green Prolific.—Ideal for pickling.

Extra-Early Long Green.—Very early and prolific.

Fordhook Famous.—Smooth, dark green fruits measuring 12 to 18 inches.

HOLMES' IMPROVED ARLINGTON WHITE SPINE.—Early; very productive; fruit good size, straight and well formed.

HOLMES' JERSEY PICKLE.—Produces more dark green pickles than any other variety we ever tested.

HOLMES' IMPROVED LONG GREEN.—Fruits 12 to 14 inches long; firm; crisp; excellent.

Klondyke.—An exceedingly productive variety; dark green in color.

Livingston's Emerald.—Large, smooth; deep green.

Cumberland.—Very prolific; fine for pickling or slicing.

Nichol's Medium Green.—Very productive; unsurpassed for pickling.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	1.50

NOVELTY HOLMES' PERFECT

Its good qualities are its extreme earliness and prolificness. Very hardy, resisting unfavorable weather conditions; very dark green; attractive shape, and is a good size for slicing. A most profitable sort for shipping to distant markets.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.20	.75	2.75

West India Gherkin, or Burr.—Small, prickly fruits; best for pickles.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	2.00

DANDELION

Loewenzahn Dente di leone
Papawa

A useful salad plant, especially when Endive and Lettuce are scarce in winter. The roots are grown in a similar manner to Chicory, and large quantities of the blanched leaves are sold in the market for this esculent.

Improved Large.—Leaves broad and fleshy; very tender.
Price of above..... Pkt. Oz. ¼ Lb.
.10 .20 .60

French.—Leaves finely cut; mild and tender.
Price of the above..... Pkt. Oz. ¼ Lb. Oz. ¼ Lb.
.10 .15 .35 1.00

ENDIVE

Endivien Indivia
Endiven

The Cultivation of Endive.—Sow for early crops in middle of April, and for succession to beginning of August; thin out to about 10 in. apart. A simple method of blanching is to put an inverted pot over each plant and cover it with leaves or straw. 1 oz. of seed will sow 150 ft. of drill.

Holmes' Winter Golden Heart.—The most beautiful and perfect form of Curled Endive yet introduced. It is exceedingly ornamental, of a distinct color, and bleaches admirably. Holmes' Winter Golden Heart Endive is greatly admired by all who grow it.
Price of above..... Pkt. Oz. ¼ Lb. Lb.
.10 .20 .60 2.00

Holmes' White Endive.—Superbly curled and lacinated; easily blanched, very tender.

HOLMES' OVAL, or PLAIN-LEAVED ENDIVE

Round-Leaved Batavian.—Very compact and hardy; forms good heart.
Green Batavian or Escarolle.—Tender broad leaves, crisp; good flavor.
Price of above..... Pkt. Oz. ¼ Lb. Lb.
.05 .15 .45 1.50

Holmes' Green Curled.—Dwarf, and beautifully curled.

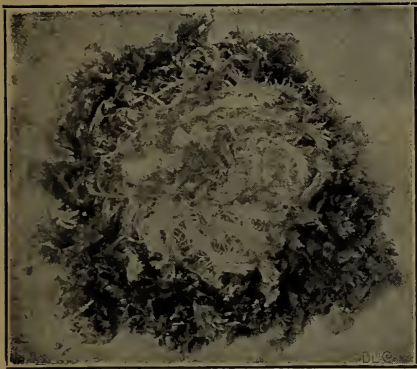
EGG PLANT

Eirpflanze Petronciano
Jajokowa

The Cultivation of Egg Plant.—Sow in gentle heat early in April, transplant towards the middle of June, setting the plants 3 feet apart each way. 1 oz. of seed produces about 1,500 plants.

Black Beauty.—Fruit jet black; good form and solid.
Price of above.....

N. Y. Improved.—A splendid market variety; fruit large.
Pkt. Oz. ¼ Lb.
.10 .75 2.25



Holmes' Winter Golden Heart Endive



Monstrous Carentan Leek



Black Beauty Eggplant

KALE, or BORECOLE

Blaetterkohl
Cavolo verde

Kale is more hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet. Three pounds will sow an acre.

Dwarf Green-Curled Scotch.—Beautifully curled; bright green; very hardy.

HOLMES' IMPROVED DWARF GERMAN.—(American-grown). Like the above except in color. This has a bluish tinge.

Siberian.—Grows vigorously; green foliage with bluish tinge or bloom.
Tall Scotch.—Same as the dwarf green, except that it grows taller.

Price of above..... Pkt. Oz. ¼ Lb. Lb.
.05 .15 .50 1.75

KOHL RABI, or KNOL KOHL

Knollkohl
Cavolo rapa
Kolorapa

A useful vegetable, not nearly so much cultivated in this country in gardens as it would be were its merits known. Used as a substitute for Turnips, especially in hot dry seasons. The bulb grows entirely out of the ground.

The Cultivation of Kohl Rabi.—Prepare a breadth of good, well-manured soil. Drill the seeds in rows, about 15 in. apart in May, and thin out to about 9 in. apart. They are ready for use when they attain the size of a small Turnip. 1 oz. of seed will sow 150 ft. of drill.

Varieties.—There are two varieties in general cultivation, the white and the purple.

Earliest White.—Garden Kohl Rabi.
Price of the above..... Pkt. Oz. ¼ Lb. Lb.
.10 .25 .75 2.50

Earliest Purple.—Garden Kohl Rabi.

LEEK

Perec, oder Lauch
Porro

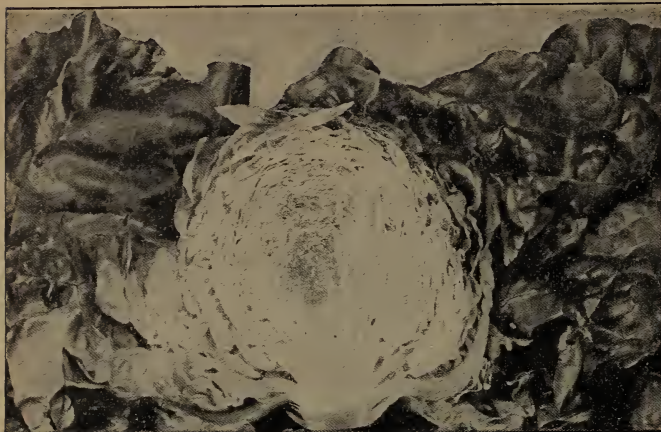
The Cultivation of Leek.—Sow early in April, and transplant early in July into trenches of well-manured soil, say 1 ft. in depth, and 1 ft. 8 in. between the plants. In warm weather liberal dressings of liquid manure will be of service, and the plants should be afterwards carefully earthed up to blanch the stems. For exhibition, sow in January in boxes under glass, and transplant as early as the ground can be worked into rich soil. 1 oz. of seed will sow 100 ft. of drill.

BROAD LONDON FLAG.—Hardy; whole plant is edible; quick-growing for early use.

Monstrous Carentan, or Scotch Champion.—Grows rapidly and is very hardy; grows to large size, and is highly recommended. See illustration.

Price of above..... Pkt. Oz. ¼ Lb. Lb.
.10 .25 .60 1.50





A cut head of Holmes' Improved Big Boston Lettuce, French Grown



A field of Holmes' Improved Big Boston



Holmes' Zero



Early Prize Head



Holmes' Perfect



Salamander

LETTUCE

Lattich, oder Kopfsalat
Lattuga Salata

Cultivation of Lettuce.—Sow the seed in hotbeds during February or early March. As the seedlings appear prick them into flats or cold frames, leaving several inches between the plants for growth. As soon as a nice, rich warm spot can be worked in the open, transplant the sturdiest plants in rows 1 foot apart and leaving 8 to 12 inches between the plants in the rows. For a succession of growths sow the seeds very lightly in open ground and thin the plants to 6 inches or more apart. Do this as often as one bed is rid of its result. Some varieties will do very well during the winter in a cool forcing house. 1 ounce of seed will produce 3,000 plants.

CABBAGE-HEADED VARIETIES

NOVELTY

HOLMES' ZERO LETTUCE

Resists Heat in Summer and Stands Longer Than Any Other Lettuce Without Going to Seed

As hardy in winter as the winter Lettuce, Nansen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. See illustration.

SPECIALTY

HOLMES' PERFECT LETTUCE

A fine all-around Lettuce. It is an exceedingly quick grower with handsome buttery head, and can be used for both early and late sowings. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration.

NOVELTY

HOLMES' IMPROVED BIG BOSTON LETTUCE

(FRENCH GROWN)

Quality Superb. Tender, free from any Bitterness. Absolutely will not turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name "Holmes' Improved" so as to distinguish it from any other strain on the market. Sold only under seal. See illustration.

For ordinary Big Boston Lettuce as usually sold by other seedsmen, see general list.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	2.00

Boston Market.—(Private Stock.) Ideal for forcing; fine quality; tender, sweet, crisp.

California Cream Butter.—Produces large, solid heads in cool weather.

Deacon.—Large, firm heading; fine buttery quality.

Denver Market.—Large, solid heads; leaves crimped.

Holmes' Giant Crystal Head.—Exceeds every other variety in size and productiveness. Fine flavor, crisp, tender.

Big Boston.—Plants large; very vigorous; broad, comparatively smooth, hard, light green leaves.

Holmes' Rapid Forcing.—Solid, golden-yellow heads; crisp, tender.

Improved Hanson.—A large, flat head, resembling that of cabbage; very tender and sweet.

Mammoth Black Seeded Butter.—Enormous head; tender, sweet and crisp.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	1.75

May King.—Heads of globular shape, firm and close; color light green; ribs delicate and waved center is of a light yellow and very tender.

Iceberg.—A large solid-headed very crisp kind, the hearts of which under moderate cultivation weigh from 2 to 3 pounds.

NEW YORK, or WONDERFUL.—Immense heads; solid, crisp, tender, delicious.

Philadelphia Dutch Speckled Butter.—Large heads; excellent quality.

Philadelphia Early Dutch Butter.—Heads very compact; for forcing.

Philadelphia White Cabbage.—Large-headed summer variety.

Salamander.—Good-sized, compact and tender heads, creamy white inside; rich, buttery flavor.

Tennisball, Black-Seeded.—Very early, small, hard-heading variety.

THICK HEAD YELLOW.—Extra fine, large, summer variety.

Yellow-Seeded Butter.—Large, dense, yellow head; crisp, tender; fine flavor.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	1.75

SPECIALTY

HOLMES' IMPROVED GRAND RAPIDS LETTUCE

Improved by Years of Selection; Grows Larger and Absolutely Free from "Rogues"

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads, but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	2.00

CURLED, or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking. The best are:

Black-Seeded Simpson.—Large, loose heads; curly, yellow leaves.

Early Curled Silesia.—One of the best cutting varieties.

Early Curled Simpson.—Yellowish green; curly; earlier than head Lettuces.

Early Prize-Head.—Large, loose heads, stained red; curled.

THE MORSE.—Light green; hardy. Superior to all.

Tomhannock.—An upright Lettuce; tinged brown.

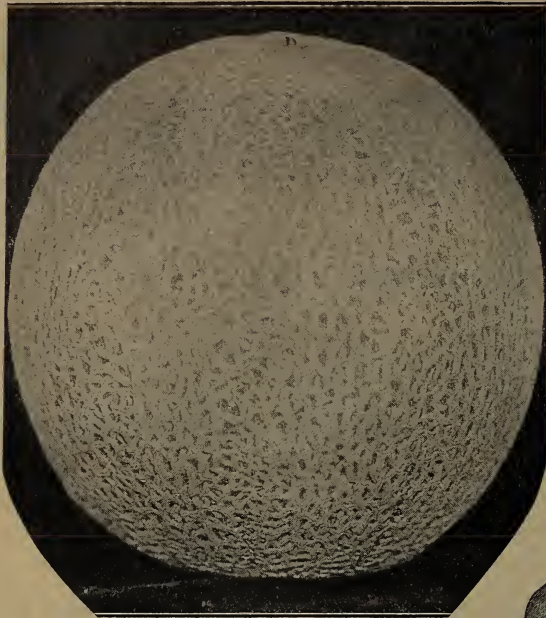
Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.60	1.75

COS OR ROMAINE VARIETIES

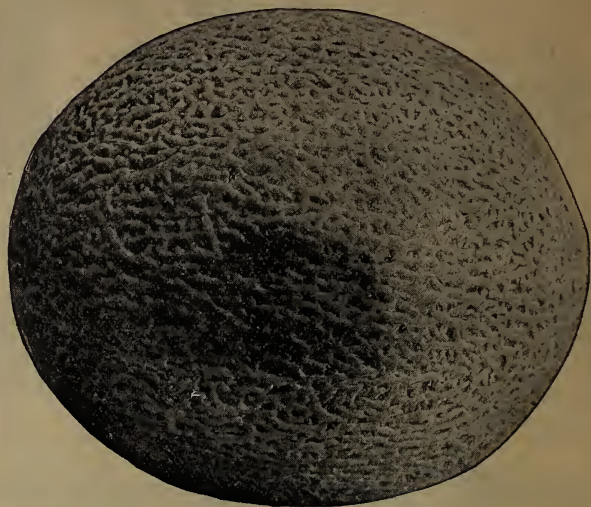
Holmes' Paris White Cos.—This remarkably fine Lettuce becomes more popular every season, and is without doubt the best and finest flavored Cos Lettuce in cultivation. Owing to the self-folding habit it possesses, no

tying is required. The heads are very solid and crisp eating. It does not run to seed as quickly as other Cos varieties.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.20	.75	2.00



Pink Meat or Pollock No. 25

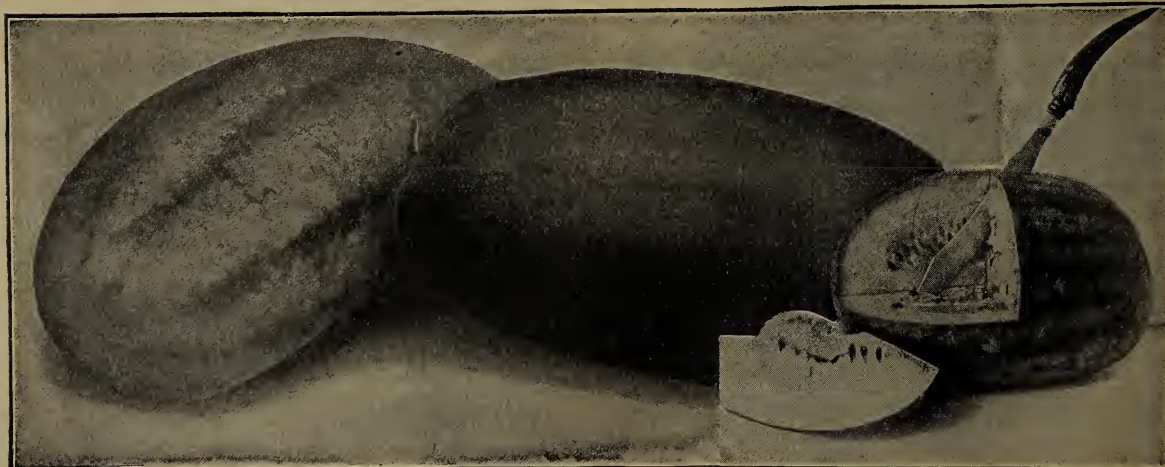


Robinson's Delicious Gold-Lined Cantaloupes



Delicious Gold-Lined Cantaloupe

Honey Dew Muskmelon



Kleckley Sweets

Tom Watson

Harris' Earliest Watermelon

MUSKMELONS

Melone Popone
Melon

One ounce for 60 hills; 2 to 3 pounds in hills for an acre

Culture.—Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for latitude of Harrisburg (for south earlier, for farther north later), and when well up thin out to 3 or 4 plants to the hill. One ounce for 60 hills; 2 to 3 pounds for an acre.

NOVELTY ROBINSON'S DELICIOUS GOLD-LINED CANTALOUPE

We have said so much at different times about our select stock of this splendid strain of Rocky Ford, that our friends hardly need a further introductory. It is the acme of perfection in the green-fleshed strains, and we are keeping it right up to date.

Price of above.....	Pkt. .10	Oz. .20	¼ Lb. .50	Lb. 1.75
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NOVELTY PINK MEAT, or POLLOCK No. 25

This variety was first introduced at Rocky Ford, Colo., in 1914, and met with instant favor. It is very similar to Delicious Gold-Lined in appearance, growth and breeding, differing principally in the color of the flesh. As the name signifies, it has a distinct pink flesh, very delicate in color and flavor. Good shipper, uniform in size and shape. Being completely overcast with fine netting, it has a most attractive appearance.

Price of above.....	Pkt. .10	Oz. .25	¼ Lb. .75	Lb. 2.50
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NOVELTY HONEY DEW

The originator says: The original seed came from Africa and after crossing twice with the Rocky Ford and Cassaba, the Honey Dew was developed. The originator says:

I named the melon "Honey Dew." It is as sweet as honey and has the mingling of several flavors—pineapple, banana and vanilla predominating.

The average size of the melon is six inches in diameter and seven to eight inches in length, weighs five to six pounds. The skin is smooth, with an occasional net, is a creamy yellow when ripe. The flesh is an emerald green, very thick, melting and very fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind is impervious to water, the melon does not shrink in weight, is not easily bruised and is a splendid shipper.

It matures about ten days later than the Rocky Ford strains and is very prolific. Yields at the rate of 8,000 to 10,000 melons per acre. The melon slips from the vine when ripe and will keep for several weeks; the late maturing ones may be kept until Christmas. Will grow where Rocky Ford varieties will thrive.

Price of above.....	Pkt. .10	Oz. .25	¼ Lb. .75	Lb. 2.50
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SPECIALTY BURRELL'S GEM

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold \$6,000 worth from 12 acres in 1909. The Fred Harvey eating houses, dining cars and hotels always specify it as their first choice. Its value is proved by those things. The golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance. The Melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper grown. The flavors of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 Melons from a hill, and each one weighing 2 or 2½ pounds. See illustration.

Price of above.....	Pkt. .10	Oz. .20	¼ Lb. .50	Lb. 1.50
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WATERMELONS

Culture.—Select rich, deep sandy loam, well worked and highly manured. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.

Colorado Preserving Citron.—Green seed. Also called Apple Pie.

DARK ICING.—Early, round, solid; thin, dark green skin; superior quality.

Dixie.—Large; dark green; fine shipper; solid red flesh; popular South.

Florida Favorite.—Superior; large; oblong; striped; luscious red flesh.

GRAY MONARCH, or LONG WHITE ICING.—Very large; long; crimson flesh.

Ice Cream, or Peerless.—Very early; red flesh; fine quality.

Jones' Jumbo.—Round; large size; dark green skin; good quality.

Light Icing, or Ice Rind.—Round in form; flesh of fine quality.

Mammoth Ironclad.—Long; striped; late; red flesh; good shipper.

McIver SUGAR.—Large; fine quality; oval; flesh pale pink, sweet, melting.

Mountain Sweet.—Flesh red; extra-fine quality.

Sweetheart.—Large; oval; heavy; flesh bright red; crisp, melting, sweet.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .25 Lb. .85

HARRIS EARLIEST.—Oval; fine quality; bright red flesh; sweet, tender and delicious.

KLECKLEY SWEETS.—Flesh bright scarlet; crisp, sugary and melting. See illustration.

TOM WATSON.—New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper. See illustration, page 21.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .35 Lb. 1.25

MUSHROOM SPAWN Schwamm Fungo Pratajola

The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in a cellar, in sheds, hotbeds or the open air. New beds must be made at each planting.

Price of above, English... Brick Doz. 25 Lbs. 100 Lbs. .35 (.40 postpaid) 2.25 3.50 11.00

American Pure-Culture Spawn..... Brick 5 Bricks 10 Bricks .25 (.35 postpaid) 1.10 2.00

MUSTARD

Black, or Brown.—Large, succulent leaves, pleasantly pungent.

Giant Southern Curled.—A favorite in the South.

White London.—Leaves used in salads and for garnishing.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .20 Lb. .60

PAUL ROSE, or PETOSKEY

In this variety, which has gained great popularity, are combined all the good qualities of the Netted Gem and Osage, of which it is a cross. It is finely netted like the Gem and averages about the same size; will outweigh a Netted Gem of equal size by at least a third. Flesh salmon-colored.

ROCKY FORD

This is one of the most popular of small or basket Melons and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting and very uniform in shape and quality. Flesh thick, green, very sweet and highly flavored.

EMERALD GEM

A splendid Melon. Fruit conveniently small or medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed; skin green, tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored.

NEW FORDHOOK

This Melon originated in South Jersey and is a cross between Emerald Gem and Improved Jenny Lind. It is the shape of the large-sized type of Jenny Lind but has very thick, deep salmon-colored flesh, surpassingly sweet to the very rind.

Price of above.....	Pkt. .10	Oz. .20	¼ Lb. .50	Lb. 1.75
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GREEN-FLESHED MUSKMELONS

Anne Arundel.—Oval; heavily netted; green fleshed; solid; grand shipper.

EXTRA-EARLY HACKENSACK.—Hardy; prolific; round; deeply ribbed, coarsely netted; green flesh; delicious.

Hackensack, or Turk's Cap.—Large with round and flattened ends; thickly netted; productive; extra quality.

HOLMES' IMPROVED NUTMEG.—Popular; skin deep green, finely netted; flesh greenish-yellow, rich and sugary.

Jenny Lind.—Small, round, flat-ended, deeply ribbed; flesh yellowish; flavor fine; very productive over long season.

Long Island Beauty.—Hackensack type; very early; luscious, green flesh, thick and sweet; netting heavy.

NEW GREEN-FLESHED OSAGE.—Hardy; prolific; handsomely netted and colored; firm, luscious flesh.

RED, or SALMON-FLESHED MUSKMELONS

Banana.—An old variety; very long.

MILLER'S CREAM, or OSAGE.—Medium to large, oval, netted; flesh rich salmon; deep, firm, sweet and melting.

PERFECTION, or PRINCESS.—Early, round, beautifully netted; best red-fleshed.

Tip-Top Nutmeg.—Slightly oval; good size; sweet, juicy; yellow flesh.

Price of above.....	Pkt. .10	Oz. .20	¼ Lb. .50	Lb. 1.50
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Wassermelone Meloni d'aqua
Melon Wodny

Plant when all danger of frost is over, in hills 5 to 6 feet apart each way.

Mountain Sweet.—Flesh red; extra-fine quality.

Sweetheart.—Large; oval; heavy; flesh bright red; crisp, melting, sweet.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .25 Lb. .85

HARRIS EARLIEST.—Oval; fine quality; bright red flesh; sweet, tender and delicious.

KLECKLEY SWEETS.—Flesh bright scarlet; crisp, sugary and melting. See illustration.

TOM WATSON.—New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper. See illustration, page 21.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .35 Lb. 1.25

NASTURTIUM, or Indian Cress

The seed pods, gathered green, are delicious; pickled and used for seasoning like capers.

Dwarf.—Mixed varieties. A trailer requiring no support.

Tall, or Large.—Climber 10 feet high; ornamental flowers. In many varieties mixed.

Price of above..... Pkt. .05 Oz. .15 ¼ Lb. .40 Lb. 1.50

OKRA, or GUMBO Ochre Ocro

Dwarf Prolific.—Of dwarf, stocky growth; very early and prolific.

Lady Finger.—Long, slender, pale green pods; very tender.

White Velvet.—Large, round, smooth pods; never ridged; prolific.

Price of above..... Pkt. .05 Oz. .10 ¼ Lb. .20 Lb. .60



Holmes' Improved Ohio Yellow Globe Onion

Holmes' Improved Ohio Yellow Globe Danvers Onion Seed Ohio Grown

Ontario, N. Y.
September 16, 1918.

Holmes Seed Co.
Harrisburg, Pa.
Gentlemen:

The Ohio Yellow Globe Onions which I purchased from you this spring were entirely satisfactory, both as to germination and to strain, and I expect to average at the least 700 bu. to the acre. Inclosed find my order for 1919.

Yours Resp.
John P. Sheahan.



Prizetaker Onion

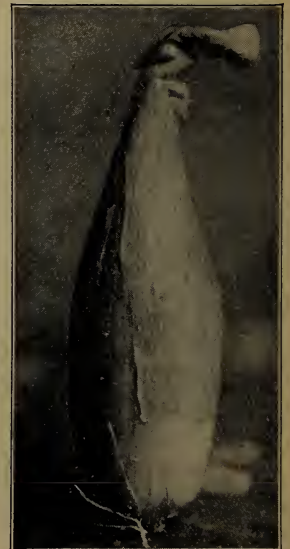
BOTTLE ONION

This onion has been known in certain Sections among the Truckers and Farmers for many years.

We have been successful in securing a fine stock of this Onion from a grower in Berks county and can now offer it as genuine stock as portrayed by the cut from original Photograph.

This Onion is of a mild flavor and for slicing can not be surpassed. See illustration.

Crop failed—None to offer.



Bottle Onion

CHOICE ONIONS

Tested and of the Strongest Vitality
The Finest Selected Strains

One ounce of seed will sow 100 feet of drill; five pounds will sow an acre.

We pride ourselves on selling the **very best Onion Seed** that can be produced, and are now supplying some of the largest Onion growers of the country, By sowing our seed, large Onions may be produced direct from the seed. See testimonial below.

Culture.—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure highly (20 loads to the acre being used by market-gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial.

CAUTION.—Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 percent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. **The lowest priced Onion seed is not always the cheapest.**

SPECIALTY

HOLMES' OHIO YELLOW GLOBE GUARANTEED OHIO GROWN

A selected strain, uniform shape, attractive color, mild flavor, and produces enormous crops of large Globe Onions. Grown in Ohio for us by one of the best growers who has been selecting this strain for a number of years. Note the shape in the illustration.

Our strain of this particular Onion has the finest shape, best color, and yields the largest crop of any yellow Onion. The heaviest yield of Onions is always obtained from rich, black lands. On such soils a globe-shaped Onion, with a somewhat flattened base, gives largest returns; the bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See illustration.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.65	2.25

YELLOW GLOBE DANVERS (as usually sold).—Of uniform size; bright yellow; immensely productive; mild, tender, of fine flavor.

ROUND, or FLAT YELLOW DANVERS

As grown by us, this is a fine, selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming most popular also for growing Yellow Onion sets. Our strain produces thin-necked, flattened bulbs which are quite thick through, yielding well in bulk.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.50	1.75

MARKET GARDENERS AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES SHOULD WRITE US FOR SPECIAL PRICES

WHITE PORTUGAL, or AMERICAN SILVERSKIN

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.65	2.50

YELLOW STRASBURG, or DUTCH

The large Onions are flat, round, thick through. Skin yellow; flesh pure white, mild flavored; productive; best for sets.

SOUTHPORT RED GLOBE ONION

The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.25	.80	2.75

SOUTHPORT WHITE GLOBE

Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor. See illustration.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.25	.85	3.00

SOUTHPORT YELLOW GLOBE

This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white and of a mild and delicious flavor. It is one of the most popular of the Yellow Globe Onions. These three varieties of Southport Globe Onions we have carefully bred up for years. All three Southport Onions ripen very evenly and on this account particularly are wonderful keepers.

EXTRA-EARLY RED

A medium sized, flat variety of deep red; an abundant yielder. It is very uniform in shape and size, moderate in flavor; ten days to two weeks earlier than Wethersfield. Especially good for a cool climate where other varieties fail to produce full-sized Onions.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.65	2.00

PRIZETAKER (AMERICAN-GROWN)

The true American-grown Prizetaker is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference; the weight sometimes reaches 5 pounds.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.25	.75	2.50

LARGE RED WETHERSFIELD

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions

This is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs; will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich, dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and is an admirable Onion for boiling.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.05	.20	.65	2.00

ONION SETS

White and Yellow Onion Sets.—Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations. Per qt., postpaid, 35 cts.

ITALIAN AND PICKLING ONIONS

Adriatic Barletta.—Very early; small; pure white with silver skin; flesh mild, but firm; fine for pickling.

Queen.—Very early; small; flat; white and mild pickling Onion.

Silver King.—White-skinned Onion; immense size.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.35	1.00	3.00

These prices are subject to change without notice



NEAPOLITAN

RUBY GIANT

RUBY KING

CHINESE GIANT

PEPPER

Pfeffer Peperone Pieprz

Culture.—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

NOVELTY

HOLMES' PROLIFIC SWEET PEPPER

One-third natural size. Fully as large as Crimson Giant, but differing in shape.

The most prolific Pepper grown and absolutely sweet.

Not only is it productive for so large a Pepper, but its size and appearance make it sell on sight. Fruits may be gathered early in July. The meat is thick and can be eaten like an apple. We have counted 43 full-sized Peppers on a single plant, and the crop will yield 18 to 30 fruits on each plant.

SPECIALTY

NEW CHINESE GIANT.—Strong; stocky growth; bushy; erect; growing 18 inches to 2 feet high. Very prolific. Peppers very large in size; flesh thick, very mild. See illustration.

SPECIALTY

NEW RUBY GIANT.—Extra large; vigorous in growth; mild and sweet as an apple makes fine salad with tomatoes. See illustration.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.50	1.75	6.50

EATLY NEAPOLITAN.—Fruits may be gathered the last of June. Thick-meated, usually mild and sweet; bright red. Plants frequently carry 30 to 40 handsome fruits. See illustration.

Golden Queen.—Golden yellow; sweet and delicate flavor.

Large Bell, or Bull Nose.—Large; early; bright red; mild.

Long Red Cayenne.—Late; small, bright scarlet; cone-shaped; pungent pods.

Red Cluster.—Dwarf, compact; small, thin, red pods.

Ruby King.—Prolific; early; ruby-crimson; flesh thick, mild, sweet. See illustration.

Sweet Mountain, or Mammoth.—Very mild flavor.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.40	1.50	6.00

PARSNIPS

Pastinake Pastinaca

Culture.—Sow early in spring, in drills 15 inches apart and half an inch deep in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

GUERSEY.—A half-long Parsnip. Flesh fine-grained; much sought for by market gardeners because of its fine appearance.

HOLMES' HOLLOW CROWN.—Uniformly large and handsome roots of stocky form. Flesh white; fine texture; free from core and stringiness; fine flavored. Frost improves their quality. See illustration.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.05	.10	.35	1.25

PARSLEY

Petersile Prezemolo Peitroszka

Culture.—Soak seeds in water 24 hours before planting. Sow thickly early in rows one foot apart; cover half an inch deep; finally thin to 5 or 6 inches apart, or transplant and cut back frequently. Five pounds to the acre.

Champion Moss Curled.—Densely crimped, dark leaves.

Extra Curled Emerald.—Dwarf habit; productive.

Extra Double Curled.—A popular fine dwarf.

Hamburg, or Turnip-Rooted.—Fine for flavoring.

HOLMES' IDEAL.—Leaves ornamentally crimped; growth compressed and thick, almost a half-globe. Very robust, greatly improved by severe cutting. Stands heat, drought and cold; yields finely. Color and taste ideal.

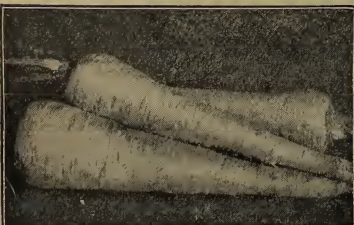
Plain.—The leaves are not curled; plant very hardy.

Italian Long Smooth.—New. Much sought for by German truckers; true.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.05	.15	.40	1.25



HOLMES' PROLIFIC SWEET PEPPER



Holmes' Hollow Crown Parsnips



New English
Pea,
Sutton's Excelsior
VERY PROLIFIC
AND SWEET



Holmes'
Peas



"VICTORY" PEAS

THE FAVORITE FOR A
LARGE, LATE PEA.

This marvelous, sweet, wrinkled pea grows one-half larger than The Duke of Albany, or Alderman. The pods are produced in pairs and contain from eight to twelve peas of exceptionally rich flavor to a single pod. Haulm is sturdy and this pea grows to a height of 3½ to 4½ feet, according to the season, fertilizer used, etc. It is one of the largest croppers that we know of and the quality is exquisite. The "VICTORY" is a main crop variety and we believe that anyone who gives this pea a fair trial will be more than satisfied with the results obtained, be he an amateur or a regular market gardener. Prices of above

Pkt.	Lb.	2 Lbs.	100 Lbs.
.10	.40	.75	30.00



Gradus Pea. (¾ actual size; from photo.)



MAMMOTH LUSCIOUS SUGAR PEA.



The best late Pea grown—ALDERMAN

PEAS Erbsen Groch Pisello
NORTHERN-GROWN

These prices are subject to change without notice

Again, for the sixth year, the Pea crop is short; in fact, at this writing, there is no telling just the damage done, but we are assured that many varieties of Peas have been cut very short by reason of the frosts and snow. So beware of cheap seed.

Culture.—To grow for market sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra-early varieties as soon as the ground can be worked in March; continue for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1½ bushels to the acre.

NOVELTY NEW ENGLISH PEA, LITTLE MARVEL

Still another year's experience makes us hold this distinct, new, dwarf first-early in even higher esteem. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality wrinkled Peas will be delighted with Little Marvel. See illustration.

NOVELTY NEW ENGLISH PEA, SUTTON'S EXCELSIOR

Its great merit is that it is an early, dwarf, wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelsior, which is one of the most popular. It holds the place in the extra-early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a great abundance of long, broad, straight pods of pale green.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.35	.60 postpaid.	30.00

GRAND NEW GARDEN PEA, QUITE CONTENT

A sensational novelty of England which is, without doubt, the largest podded Pea in existence. At all the principal shows in England Carter's "Quite Content" is now preminent.

It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain the height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches and contain 8 to 12 Peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender Peas.

NEW LATE PEA, ALDERMAN

This fine second-early, wrinkled Pea has proven in our trials to be a very valuable acquisition. We predict for it a place in every catalog, and, once in the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.35	.60 postpaid.	25.00

DWARF EXTRA EARLY VARIETIES

Require no staking or brush

American Wonder.—10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality.

Little Gem.—16 to 18 inches. A dwarf, green, wrinkled Pea, prolific and of excellent flavor. A few days later than above.

Nott's Excelsior.—14 inches. A superior dwarf, wrinkled early; ready for the table in about 45 days; vigorous constitution and wonderfully productive; quality extra fine.

Premium Gem.—15 inches. A fine dwarf Pea of the "Little Gem" type, on which it is a great improvement.

EXTRA EARLY VARIETIES OF MEDIUM HEIGHT

Alaska.—2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green Peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning Pea.

Holmes' Pedigree Extra Early.—2½ feet. An extra early round, smooth white Pea unequalled in earliness, uniformity in ripening, size, yield and flavor. The universally popular extra early Pea for both market and private gardens.

Holmes' Market-Gardeners Extra Early.—A superior strain of the Extra Early Peas, ripening even throughout the crop. 2 feet.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.50 postpaid.	23.00

NOVELTY NEW PEA, HOLMES' MASTERPIECE
Extra-Early Large Podded

We have watched the behavior of this splendid Pea with much interest, for it always seemed to us that it would outrank, as a large early Pea, the justly famous Gradus, or Prosperity, and it has. We believe this to be one of the finest and most prolific large-podded Peas ever introduced. The pods contain 8 to 10 perfectly formed Peas, and are of such large size and excellent flavor that they sell on sight at market. In quality and flavor the Peas are all that can be desired. See illustration, back cover.

NOVELTY NEW ENGLISH PEA, LAXTONIAN

This is the Largest Podded of All Early Dwarf Peas. A new sort of decided merit. The vines are vigorous, growing about 16 inches high and produce a large crop of good-sized pods, averaging from 9 to 10 Peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.35	.60 postpaid.	30.00

SPECIALTY NEW PEA, GRADUS
ALSO CALLED EARLY TELEPHONE
Earliest Large-Podded Pea ever Introduced—Height 3 feet;
Plant Thickly

In the Gradus we have one of those long strides of progress not often found in the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton in England. The vine has very heavy stems and produces uniformly large pods, measuring 4 to 4½ inches long, nearly round, and well filled with 8 to 10 large handsome Peas. In flavor and quality Gradus is of the highest "marrow" type, melting and sugary, retaining, when served, its bright, vivid green.

SPECIALTY NEW PEA, THOMAS LAXTON

A new variety, producing large pods in abundance. Delicious; matures as early as the extra-early smooth Peas and, being a wrinkled sort, is much sweeter.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.35	.60 postpaid.	30.00

SECOND OR MEDIUM EARLY VARIETIES

Advancer.—2½ feet. A great favorite and popularly known as the Dwarf Champion; green, wrinkled peas of fine flavor.

Abundance.—3 feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods 3 to 3½ inches long, well filled with 6 to 8 large wrinkled Peas of excellent quality.

Everbearing.—3 feet. A prolific and continuous-bearing Pea, giving it especial value for both summer and autumn use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled peas, ½ inch in diameter.

Horford's Market Garden.—2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet flavor.

Carter's Daisy, or Dwarf Telephone.—Cross of Stratagem on Telephone. Very productive. Pods long and well filled.

NEW DWARF CHAMPION.—A hardy, robust and vigorous grower of handsome green pods and the quality is unsurpassed. Height of vine 26 inches, 68 days from planting. For a reliable, staple market variety we believe it will fill a long-felt want.

MAIN CROP OR LATER VARIETIES

Long Island Mammoth, or Telegraph.—Large pods and peas. 3½ feet. Pride of the Market.—(Imp.) Large pods; popular for market. 1½ feet.

Yorkshire Hero.—A spreading variety; very productive. 3 feet.

Duke of Albany, or American Champion.—4½ feet. A grand, large-podded, wrinkled Pea, each pod containing from 9 to 12 immense peas; the largest of all varieties, while the quality is superlatively fine, tender, rich and sweet; very productive.

Champion of England.—5 feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its large, wrinkled Peas.

Price of above.....	Pkt.	Lb.	2 Lbs.	100 Lbs.
	.10	.30	.55 postpaid.	25.00



Sparkler, or White Tip Scarlet Turnip Radish



White Strasburg Summer Radishes



Icicle Radish (from a photograph)



Early Scarlet Turnip Radish



Holmes' Royal Red Forcing Radish



Felton's White Box Radishes



Holmes' Scarlet Globe Radishes

RADISHES

Radies Ravenello
Rzodkiew

Our stock of Radishes is French-grown. Being sown in beds and transplanted, we are positive of having straight sorts.

Culture.—Radishes delight in light, rich, mellow soil, and to be crisp and tender must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart. Sow winter Radishes in mid-summer and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

WHITE STRASBURG SUMMER

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. See illustration.

SPECIALTY

VICK'S EARLY SCARLET GLOBE

The roots of this Radish are slightly olive shaped; a rich, bright scarlet in color; flesh tender and white. It is fit to pull among the very earliest and is much larger than most of the extra-early Radishes. We especially recommend this to gardeners whose market demands a large, first-early, forcing Radish.

EARLY LONG SCARLET SHORT TOP IMPROVED

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about 6 inches long. This is the variety grown so extensively in Petite Cote, Ontario, where the finest Radishes in America are produced.

SPECIALTY

EARLY SCARLET TURNIP WHITE-TIPPED

Or Coopers Sparkler

Handsome; a little later than the extra-early forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety, both for home and market purposes.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.60	1.75

SPECIALTY

NEW WHITE ICICLE

The finest flavored quick-growing Radish now in cultivation

We have no hesitancy in saying it is one of the finest long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3½ to 4-inch cylindrical roots within 22 days from date of sowing. This means the acme of crispness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. See illustration.

SPECIALTY

HOLMES' ROYAL RED FORCING

Best for forcing in or out doors; quick grower; makes Radishes in three weeks. Globe-shaped; deep red; crisp and tender; tops small. The beautiful color and shape of this Radish make it a very attractive table relish.

SPECIALTY

GIANT FORCING

For Forcing or Open-Ground Culture
A Variety for Market Gardeners

CRIMSON RADISH

A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce per bulb, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkingly white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright, deep crimson color of the skin remains quite constant. Excellent, both for forcing and open-ground culture.

FELTON'S MODEL WHITE BOX RADISH

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more Radishes in the same space under glass, in boxes or open ground.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.60	1.75

EARLY ROUND, or TURNIP-SHAPED RADISHES

Early Round Dark Red.—Rich, dark red; medium; uniform.

Early Scarlet Turnip.—Medium; bright scarlet; mild flavor.

SCARLET BUTTON.—Small; round; bright scarlet, white tip.

EARLY OLIVE AND OVAL-SHAPED

French Breakfast.—Oval; bright scarlet; white tip; dainty on the table.

HOLMES' DAINTY FORCING.—Three weeks; sweet, tender and crisp; olive shaped.

Scarlet Olive Shaped.—Half long; bright scarlet; flesh white; excellent for market.

Surprise.—Earliest yellow; fine for early or summer.

White Olive Shaped.—Similar to Scarlet olive shaped.

Yellow Olive Shaped.—Second early; skin golden yellow; tender.

EARLY LONG

Cincinnati Market, or Glass.—Long, scarlet, straight; small top.

Long Brightest Scarlet.—Scarlet; tipped white; mild flavor.

Long White Vienna, or Lady Finger.—Mild and tender.

PEARL FORCING.—Skin pure white; very early; resembles Vienna.

Wood's Early Frame.—A favorite for frame culture.

SUMMER AND AUTUMN

CHARTIER.—Summer Radish; long; large; handsome; flesh white; delicious.

Giant White Stuttgart.—Turnip-shaped summer Radish; tender, mild.

Half-Long Deep Scarlet, or Paris Beauty.—Bright; crisp; flesh.

White Summer Turnip.—A flat, round, early summer Radish.

WINTER

California Mammoth White.—A favorite winter Radish.

Long Black Spanish.—A leading winter variety; excellent keeper.

Rose China Winter.—Skin rosy red; flesh white and firm.

Round Black Spanish.—Roots round; skin black; flesh white.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.20	.60	1.75

WHITE CHINESE, or CELESTIAL RADISH

Never has a winter Radish won so much favor, and indeed it is worthy of all the praise given it. Mr. Austin G. Rupp has been growing this variety for some years and gets very high prices in market for the Radishes. So valuable did he consider it that for years he thought it policy not to tell his neighbors the name of the Radish. The true stock of this variety is stump-rooted, as will be seen in the photograph, and although a winter Radish, it can also be grown in late summer, as were those photographed and shown in our illustration. The flesh is firm, solid and pure white. It keeps all winter in prime condition and is of mild flavor.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
Postpaid	.10	.25	.65	2.50

RHUBARB, or PIE PLANT

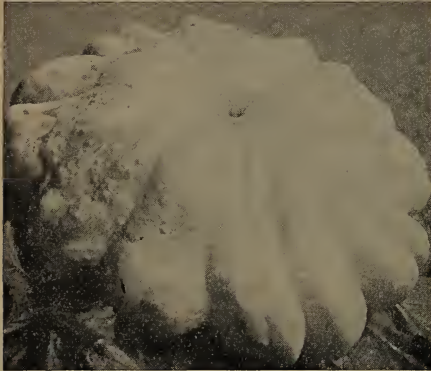
Rhabarber
Rababarbo

Rhubarb, also known as Pie Plant, or Wine Plant, is the earliest spring vegetable and is grown for its leaf stalks, which are extensively used for pies and sauce.

Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to six inches apart. In the fall transplant into very highly manured and deeply stirred soil, setting them four to six feet apart each way and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year. When a blossom stalk appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed. Our seed is saved from selected plants of the Linnaeus, Victoria, Giant and other improved sorts, but like the seeds of fruit trees, rhubarb seed can not be relied upon to reproduce the same varieties.

Roots—by mail, prepaid, 15c each; by express or parcel post, not prepaid, \$1.25 per dozen.
Victoria.—A very large, thick, red-stalked late variety of fine quality.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.05	.20	.60	2.25
Roots.....	Each	Doz.	100	1,000
	.15	1.00	5.00	38.00



Mammoth White Bush Scallop Squash



Improved Hubbard Squash



Giant Summer Crookneck Squash

SQUASH

Kurbisz Zucca
Miekuzr

Culture.—The squash is one of the most nutritious and valuable of garden vegetables. The summer varieties come to the table early in the season, while the fall and winter sorts can be had from August until the following spring. The winter varieties are very well adapted for stock feeding, and we heartily recommend them for that purpose.

Squash plants are very tender and sensitive to cold and so planting must be delayed until settled warm weather. General methods of culture are the same as for cucumbers and melons, but the squash is less sensitive to unfavorable conditions of soil. Summer varieties should be planted four to five feet apart each way, and winter sorts eight to twelve. Three plants are sufficient for a hill. In gathering the winter sorts care should be taken not to bruise or break the stem from the squash, as the slightest injury will increase the liability to decay. Winter squashes should be stored in a moderately warm, dry place and the temperature kept as even as possible. For those who desire very early squashes, seed can be planted in boxes, and transplanted.

Insect pests that attack the vines when small, such as the striped beetle, may be kept off by frequent dustings with air slaked lime, tobacco dust, soot or sifted ashes diluted with fine road earth. For the large squash bug, a good remedy is a kerosene emulsion. Probably the most effective way is to place a small piece of board, about 4 x 12 inches, on the ground near the plant. Towards evening or early in the morning the bugs may be gathered from under the boards and destroyed.

Boston Marrow.—Fall and winter variety; large, oval form; skin thin, bright orange, with netting of light cream-color, flesh rich salmon-yellow, fine grained, excellent flavor.

Fordhook.—Early; sweet; dry; good summer variety; oblong.

Golden Custard, or Yellow Bush (Cymlin).—Mammoth scalloped bush; extra quality.

Golden Hubbard.—A true Hubbard, except in color, which is bright red. Wonderfully productive, fruits weigh six to eight pounds; shell warty and strong; flesh deep orange to shell; cooks very dry; good-flavored.

Improved Hubbard.—One of the best winter Squashes; flesh bright orange-yellow, fine-grained, very dry.

Mammoth White Bush Scallop.—Fruit beautiful, clear waxy white; superior in size and beauty.

Mammoth Yellow Summer Crookneck.—Vine larger and stronger than the old Summer Crookneck, and producing fruit fully twice as large, deeper colored and with rough surface.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.80	2.50

AUTUMN AND WINTER

Delicious (Gregory).—Fine quality; excels any in flavor.

Large Warty Hubbard.—Large size; productive; hard, green, warty shell.

Mammoth Chili.—Often weighs 200 pounds; flesh rich, fine flavored.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.25	.80	2.50

SALSIFY (Vegetable Oyster)

Haferwuzel
Jarzynowa
Sassefrica

Culture.—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre.

Large White.—Common variety; medium-sized; smooth; flesh white.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.20	.50	1.75

MAMMOTH SANDWICH ISLAND.—Larger and less liable to branch than Large White.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.10	.20	.50	1.75

SPINACH

Spinat
Spinace

Culture.—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use sow in August; for winter in September. Cover with straw or leaves in winter. Varieties prefixed (*) may be sown in the fall for spring crop. One ounce will sow 100 feet of drill. Twelve pounds to the acre in drills.

***BLOOMSDALE or Norfolk Savoy.**—Fall planting; fleshy; curled; hardy.

Giant Eskimo.—New. A variety we imported from Japan; very large.

LONG SEASON.—Can be grown successfully in hot weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent; remain fresh and crisp for a considerable time after cutting.

Long-Standing.—Excellent; compact; thick, fleshy, dark green leaves.

New Zealand.—Abundant; never cooks stringy.

Round-Leaved.—Thick, round, succulent leaves.

***Thick-Leaved.**—Produces large, thick, bright green, crumpled leaves.

Victoria.—Very heavy, broad, deep green leaves, crumpled.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.05	.10	.20	.75



Sandwich Island Salsify

WRITE FOR SPECIAL PRICES OF SPINACH IN QUANTITIES

TOMATOES

Liebesapfel Pomo d'oro
Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.

Culture.—Tomatoes do best on light, warm, not overrich soil. Sow in hotbeds from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 to 5 inches apart. Set out of doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes.

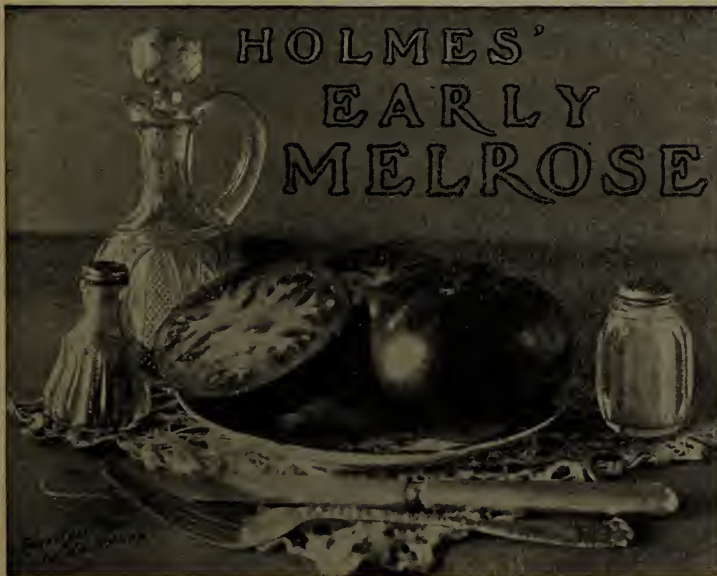
One ounce for 1,500 plants, $\frac{1}{4}$ lb. for an acre.



Holmes' Everbearing Tomato. Full description see page 34.



Livingston's Globe Tomato



Beefsteak or Crimson Cushion Tomato



Stone Tomatoes

HOLMES' EVERBEARING TOMATO

NOVELTY THE EARLIEST,
LARGEST,
MOST PROLIFIC AND
MEATIEST RED TOMATO
GROWN

This wonderfully prolific new Tomato was introduced by Holmes Seed Co., of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. The illustration is from a photograph of one stem bearing 17 fine large fruits, and weighing 7 $\frac{3}{4}$ pounds. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidic taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

Price of originator's
own stock... Pkt. Oz. $\frac{1}{4}$ Lb. Lb.
Postpaid .10 .50 1.75 6.00



The above illustration from Photograph of single vine showing 64 fruits and single fruit showing size attained.

TOMATOES

SPECIALTY **BEEF STEAK, or CRIMSON CUSHION**

THE VERY BEST LARGE-FRUITED BRIGHT CRIMSON TOMATO

The Crimson Cushion is well worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color. The fruits are of the largest size, which size is maintained throughout the season.

PONDEROSA. —The largest Tomato of all.				
Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	Postpaid .10	.40	1.25	4.50

SPECIALTY **"EARLY BONNY BEST."**—Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop.

CHALK'S EARLY JEWEL.—One of the best for main crop. Bright scarlet; very solid; fine flavor.

Crine's June Pink.—Extra early; fruit smooth, about 3 inches in diameter, almost round; flesh solid; finely flavored; free from acidity.

DWARF CHAMPION.—Early; prolific; smooth; medium-sized; pinkish-purple.

Livingston's Coreless.—Bright red; immense clusters; mild acid flavor.

LIVINGSTON'S DWARF STONE.—Resembles Livingston's Stone in color and shape. Specimen fruits weighing 1 pound are common. More productive and as early as New Dwarf Stone.

LIVINGSTON'S NEW GLOBE.—Globe-shaped; early; large size; smooth; firm-fleshed; color glossy rose, tinged purple; very delicate.

MATCHLESS.—Fruit large, smooth, free from core; rich cardinal red.

SPARK'S EARLIANA.—Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality.

STONE.—Fruit round, apple-shaped; very large; deep red; heavy.

Trophy.—Extra selected; an old favorite.
Truckers' Favorite.—Reddish-purple; fleshy; vines strong and vigorous.
Yellow Plum, Yellow Pear, Red Pear.—For preserving.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	Postpaid .10	.30	1.00	3.00

NOVELTY **HOLMES' EVERBEARING TOMATO**

THE EARLIEST, LARGEST, MOST PROLIFIC AND MEATIEST RED TOMATO GROWN

This wonderfully prolific new Tomato was introduced by Holmes Seed Co., of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. The illustration is from a photograph of one stem bearing 17 fine large fruits, and weighing 7¼ pounds. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidity taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

Price of originator's own stock.....	Pkt.	Oz.	¼ Lb.	Lb.
	Postpaid .10	.50	1.75	6.00

ACME.—Early; medium sized; smooth; solid; prolific; purplish pink.

BEAUTY.—Early; prolific; medium sized; smooth; solid; purplish red.

Buckeye State.—Large; solid; meaty; deep purple; heavy cropper.

CUMBERLAND RED.—Color bright red; medium early.

Favorite.—Large; solid; smooth; bright scarlet; ripens evenly.

Golden Queen.—Large; handsome form; beautiful clear yellow color.

Early Paragon.—Bright red; standard for market and canning.

Perfection.—Smooth, tough skin of brilliant scarlet; solid, rich flavor.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	Postpaid .10	.25	.85	2.75

TABLE TURNIPS

Weisse Rube Ravone Rzoper Cruklew

One ounce for 100 feet;
2 pounds to the acre

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We can not too earnestly recommend farmers to increase their sowings largely, for we are sure the crop will prove remunerative.

This wholesome and agreeable vegetable is most easily affected in its form and flavor by soil, climate and mode of culture. There are a great many varieties, but our list comprises the best for the garden or farm.

Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. It is important to get the spring and summer crops started very early so that the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter.

In the Middle and Western States sow for fall and main crop from middle of July to last of August, and in the manner given for spring sowing. In the field, Turnips are often sown broadcast, though in most cases better results are obtained by drill culture.

To preserve Turnips in good order for winter, store in a cool cellar and cover with sand or turf to keep them fresh. Another method is to put them in a pit dug in dry soil where there will be no danger of water standing, and to cover with straw overlaid with earth sufficiently deep to keep out frost. Thus protected, Turnips will keep well till spring.

WHITE-FLESHED VARIETIES

Cow Horn, or Long White.—Carrot-like in form, slightly crooked. Delicate and well flavored; valuable as a market sort for fall and early winter, also for turning under.

EARLY PURPLE-TOP STRAP-LEAVED.—Early; favorite for table use; medium size; flesh white.

Early White Flat Dutch.—Standard early, white flat Turnip.

Extra-Early Purple-Top Milan.—All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip.

PURPLE-TOP WHITE GLOBE.—Nearly as large as Pomeranian White Globe; white flesh; excellent, equally desirable for table or stock.

White Egg.—Oval or egg-shaped; firm; mild, sweet and very tender.

White Globe.—Globe-shaped; early, mild and tender.

Price of above.....	Pkt.	Oz.	¼ Lb.	Lb.
	.05	.10	.30	1.00

YELLOW-FLESHED VARIETIES

Golden Ball, or Orange Jelly.—Medium size.

Purple-Top Yellow Aberdeen.—Large, globe-shaped.

YELLOW, or AMBER GLOBE.—Yellow-fleshed; globe-shaped; large.

RUTABAGA (RUSSIAN, or SWEDISH TURNIP)

Two to three pounds to acre

Improved American Purple Top.—Old popular standard; rich flavor

SWEET, POT AND MEDICINAL HERB SEEDS

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

Anise (Grüner Anis). For garnishing, cordials and flavoring.....	Pkt., .05;	Oz., .10;	¼ Lb., .25;	Lb., .90
Balm (Citronen-Melisse). For tea and balm wine; useful in fevers.....	Pkt., .05;	Oz., .20;	¼ Lb., .60;	Lb., 2.00
Basil, Sweet (Basilikum). Used for soups, stews and sauces.....	Pkt., .05;	Oz., .20;	¼ Lb., .60;	Lb., 2.00
Caraway (Feld Kümmel). Used in confectionery, cakes and medicine.....	Pkt., .05;	Oz., .10;	¼ Lb., .25;	Lb., .90
Coriander. For garnishing; seeds are aromatic, used for flavoring.....	Pkt., .05;	Oz., .10;	¼ Lb., .25;	Lb., .75
Dill. Aromatic seeds, used in pickles, preserves, soups, sauces.....	Pkt., .05;	Oz., .10;	¼ Lb., .25;	Lb., .75
Fennel (Fenchel). Leaves used for fish sauces and garnishing; seed in confectionery and for flavoring liquors.....	Pkt., .05;	Oz., .10;	¼ Lb., .25;	Lb., .75
Horehound. For tonic and cough.....	Pkt., .05;	Oz., .15;	¼ Lb., .40;	Lb., 1.50
Lavender. (Lavendel). Popular aromatic herb; delightful perfume.....	Pkt., .05;	Oz., .35;	¼ Lb., 1.00;	Lb., 3.50
Marjoram, Sweet (Marjoram). Used for seasoning.....	Pkt., .05;	Oz., .20;	¼ Lb., .60;	Lb., 2.50
Sage (Salbei). Leaves used in dressings and sauces.....	Pkt., .05;	Oz., .20;	¼ Lb., .60;	Lb., 1.60
Savory, Summer. Used for seasoning, flavoring soups and dressings.....	Pkt., .05;	Oz., .15;	¼ Lb., .40;	Lb., 1.50
Savory, Winter (Bohnenkraut). Leaves used for flavoring.....	Pkt., .05;	Oz., .25;	¼ Lb., .75;	Lb., 2.50
Thyme, Broad Leaved (Thymian). Used for seasoning; also as bee food.....	Pkt., .05;	Oz., .40;	¼ Lb., 1.25;	Lb., 4.00

By Mail, Postpaid.

SPECIAL NOTICE: Owing to the many changes in the markets, customers are requested to write us for prices ruling at the present time.

MANURIAL CROPS

PRICES OF SEEDS ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE

Modern agricultural practice proves that it is far more economical and desirable to grow the nitrogen fertilizers for soil than to attempt to produce this in the form of manure, especially on large farms or where much live stock is not kept. The chief thing the soil needs is organic matter, and if the farmer can not afford to give enough of this in the form of manure, he can afford to grow and turn down certain good cover-crops for fertilizing. The clovers of various kinds, such as the Mammoth Clover, Red Clover, Alfalfa, Alsike and the Sweet Clovers are beneficial as soil renewers, and in addition to these there are Cowpeas, Soy Beans and, in fact, Peas and Beans of all kinds, Sand and Spring Vetches, Sainfoin, Kidney Vetch, Yellow Lupine and other Legumes which have the power of catching nitrogen from the atmosphere and transforming it into available form for plant-growth.

Where soil is even too thin or poor in quality to grow Red Clover, Sand Vetch or Alsike can be started, and after growing these crops the Red Clover can then be grown with success. If these cover-crops are grown and turned under, the farmer then can add lime, phosphoric acid in the form of acid phosphate, and potash in the form of Kainit or wood ashes, and will find the soil then to contain fairly well-balanced rations for plant-food and be rich and productive in a few seasons.

COWPEAS

Can be grown in all parts of the country where Dent Corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure crop at any time during the summer and in almost every crop rotation. Can be grown on greater variety of soils than any other legume.

LARGE BLACK EYE. Extremely early variety, matures peas in six to eight weeks.

BLACK. Quicker to mature than other varieties and better adapted for late planting or for growing north of Virginia.

CLAY. Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seeds kidney-shaped, medium size, cream-colored; medium to late in ripening.

NEW ERA. A very regular variety; erect and not inclined to run; matures in 60 or 75 days.

WHIPPOORWILL. Usually an erect grower and rarely climbs; pods gray, long and full; seeds large, nearly spherical, mottled red and white; matures early. One of the best for late planting and growing.

Prices of above, pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., postpaid.

Barley, BEARDLESS. This variety is free from beard. Lb. 25 cts., 3 lbs. 60 cts.

Rye, WHITE WINTER. It is much harder than wheat and can be grown on a greater variety of soils. It is not only grown for grain, but for straw and soiling purposes. Plowed under when about 6 inches high, it is in condition to add great fertility to the soil. Rye can be cultivated longer on the same land than any other crop. Can be sown at the last working of corn. Sow at the rate of $\frac{1}{2}$ bushel to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid.

SPRING. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted. Lb. 20 cts., 3 lbs. 50 cts., postpaid.

Buckwheat, JAPANESE. Is much superior to the common Buckwheat. The yield is far greater and it makes a superior flour. It is used as a poultry-food. Sow 1 bushel (48 lbs.) to the acre broadcast. Lb. 25 cts., 3 lbs. 60 cts., postpaid.

SILVER HULL. The grains are of a silvery gray color, making a white flour. Prices same as Japanese.

Broom Corn, IMPROVED EVERGREEN. Best variety for general cultivation, on account of color and quality of brush; ripens very early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Lb. 25 cts., 3 lbs. 65 cts., postpaid.

Spring Emmer. (Incorrectly called Speltz.) A grain especially suited for dry lands. Being semihardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rust-resister than either oats or barley, and it also yields considerably better. The feeding value is high. Lb. 25 cts., 3 lbs. 60 cts., postpaid.

Milo Maize. A variety of sorghum, nonsaccharine, growing stalks 8 to 10 feet high. Useful for the large amount of green feed or cured fodder it produces and for its grain. It stands dry weather and makes its crops when corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid.

Sorghum, or Sugar Cane. Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows, proves a great milk producer and is a wonderful feed to fatten hogs. Will produce as high as 20 tons per acre, and two or three cuttings in a single season.

EARLY AMBER. Grows from 11 to 12 feet in height and can be planted by the first of May. The seed ripens almost invariably, affording an excellent food for stock and poultry. Lb. 20 cts., 3 lbs. 55 cts., postpaid.

EARLY GEM. This is a strong grower and will outyield any other Sorghum; is highly recommended as a feed for horses and cows. Lb. 25 cts., 3 lbs. 65 cts., postpaid.

Kaffir Corn. One of the best forage-plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature a full crop of grain and a second full crop of forage by October 15. For grain sow in rows 3 feet apart, 5 lbs. to the acre. For fodder, sow 3 pecks broadcast. Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., postpaid.

Sunflower, MAMMOTH RUSSIAN. Makes large heads; valuable for poultry. Qt. 30 cts., postpaid. By freight or express, lb. 25 cts., 100 lbs. \$20.00.

Field Peas, CANADA. "Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars."—Year Book of the U. S. Department of Agriculture. Peas are second only to clover in their soil-enriching properties and can be grown under almost any condition. The vines make rich, nutritious hay, or can be grown to turn under. Peck \$1.75, bushel (60 lbs.) \$5.25, 2 bushels \$10.00.

LARGE MARROWFAT. Growth immense. The best of the Field Beans for hay. Peck \$2.75, bushel (60 lbs.) \$10.00.

New Velvet Bean. A very heavy yielding legume belonging to the Soja and Cowpea class. The most rampant growing of all these sorts. Popular in the South—and of value in the North for a cover crop. Pkt. 10 cts., lb. 30 cts., postpaid. For larger lots write for prices.

Giant Spurry. An annual plant extensively cultivated in Europe as a winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. For larger lots write for prices.

Teosinte. A valuable continuous-cutting forage plant for the Southern and Southwestern States, furnishing a most nutritious food, green or dry, for horses and cattle. Sow in May or June in drills $3\frac{1}{2}$ to 4 feet, 2 to 3 lbs. to the acre. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb 75 cts., lb. \$2.50, postpaid.

Soja Beans. The Soja Bean is often used to take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of beans 25 to 40 bushels per acre. One of the richest of natural food stocks. Sow about 1 bushel to the acre, either broadcast or drilled.

MAMMOTH YELLOW. Lb. 30 cts., 3 lbs. 75 cts. Write for prices in larger lots.

Dwarf Essex Rape. This plant is extensively grown for sheep forage, and for green manure. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed to the acre in rows, or broadcast at the rate of 6 pounds to the acre. Our stock is the true Essex Dwarf. Lb. 30 cts., 100 lbs. and over at \$25.00.

Vetch, Spring, or TARES (Vicia sativa). Used for the same purpose as the Sand Vetch, but will not thrive on poor soil or withstand extremes of weather as successfully. Sow with oats, using 2 bushel of each to the acre. Lge. pkt. 5 cts., lb. 30 cts., postpaid. For larger lots write for prices.

SAND, HAIRY, or WINTER (Vicia villosa). The winter cover-crop. A large yielding and nutritious forage-crop; splendid for grazing and soil improving. It is very hardy, is valuable as a winter cover-crop to prevent leaching. It is an annual, but resows itself and will come up year after year on the same ground. Valuable where clover does not thrive. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of \$16 to \$40 an acre. One to one and one-half bushels of seed required to the acre. Lb. 50 cts., postpaid. For larger lots write for prices.

MILLETS

GERMAN, or GOLDEN MILLET. Matures two weeks later than the common Millet. The seed we offer will produce more than double the quantity of fodder usually got on the same ground. Four to five feet high. Sow 1 bushel to the acre. Lb. 25 cts., 3 lbs. 60 cts., postpaid. For larger lots write for prices.

PEARL MILLET, or PENICILLARIA. An immense fodder yielder, attaining a height of 8 to 10 feet. Can be cut several times during a season. Sow 10 pounds to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. For larger lots write for prices.

SIBERIAN. Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully. Lb. 25 cts., 3 lbs. 60 cts., postpaid. For larger lots write for prices.

COMMON MILLET. Best quality for feeding. Lb. 20 cts. For larger lots write for prices.

JAPANESE MILLET. Particularly valuable in the Northern States as a quick-growing forage and ensilage crop. Six to eight feet, yields 10 to 18 tons of green fodder to the acre. Two parts of the Millet with one part Soja Beans form a completely balanced ration that may be fed without grain. Sow 10 to 12 pounds to the acre. Lb. 25 cts., 3 lbs. 60 cts. For larger lots write for prices.

HUNGARIAN. A very valuable forage-plant of the Millet family, but not so coarse. Sown and cultivated same as Millet, and quite a favorite with stockmen. Lb. 20 cts., 3 lbs. 60 cts. For larger lots write for prices.



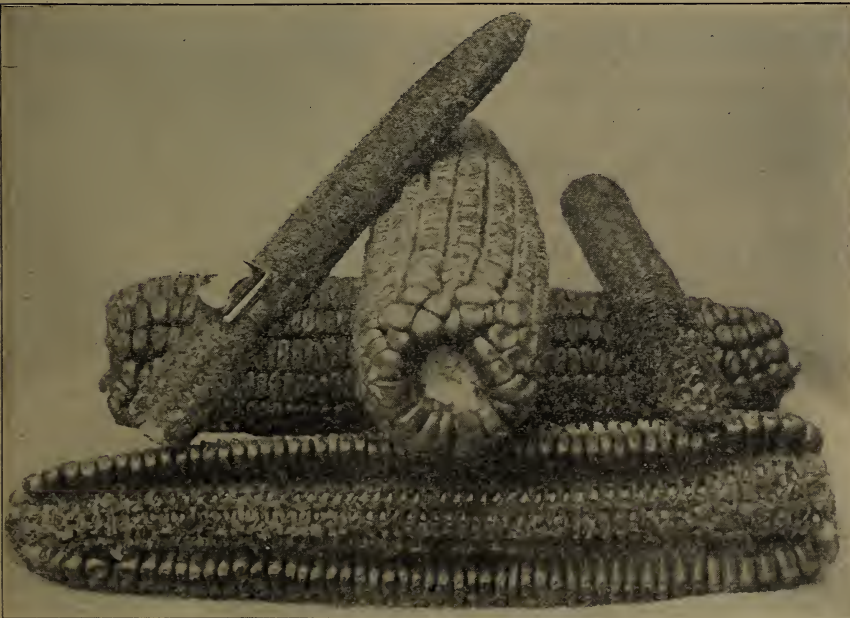
EXTRA SELECTED FARM SEEDS

Fully realizing the great importance of supplying the farmer with the highest quality of Farm Seeds, we have given this branch of our business special study, exercising the greatest care in growing and securing seed of the highest standard in purity and quality—fully matured, plump, sound, fresh and clean. The care exercised in selecting our seeds has given Holmes' Field Seeds an enviable reputation and today our house is recognized as headquarters for the most reliable field and grass seeds.

HOLMES' EARLY GOLDEN SURPRISE CORN

90-DAY FIELD CORN

THIS REMARKABLE VARIETY IS INCOMPARABLE IN SOLIDITY, UNIFORMITY, DEVELOPMENT OF THE TIP AND BUTT, EXTRA-ORDINARY YIELD AND SMALLNESS OF COB



Holmes' Early Golden Surprise

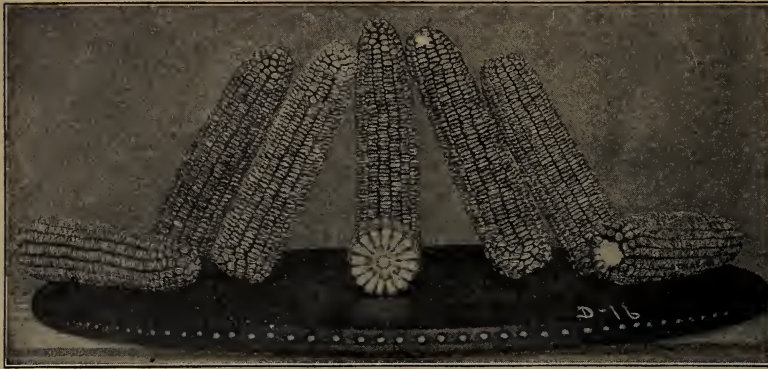
No other Corn has given such universal satisfaction as our Early Golden Surprise. Its prepotency and power of reproduction is so great that neither wet nor dry weather noticeably influences its growth and maturity. Unapproachable as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account of extreme smallness of cob and depth of grain. The cobs are so small that many may be encased in an ordinary finger ring, as seen by our illustration. The grains are of a rich golden color, very deep, and profitable on account of small percent of waste of cob. The cob is so small that 35 pounds of ears produced 31½ pounds of shelled Corn. The Corn is a vigorous grower, with short, strong stalks and an abundance of deep green foliage, which makes it an excellent fodder Corn. It matures uniformly in 90 days from planting, and all points considered it is the best field Corn in cultivation. Golden Surprise is the greatest money earner yet introduced to the American farmer. There can be nothing of greater importance to him than to increase the yield and feeding value of Corn. Early Golden Surprise will give that result. Lge. Pkt., by mail, post-paid, 10 cts., lb. 30 cts., 3 lbs. 70 cts., by freight or express, not prepaid, lb. 20 cts., peck \$1.50, ½ bushel \$2.50, bushel \$4.75, 2-bushel sack \$9.00.

The past season when other varieties failed to grow, Golden Surprise gave excellent results. Our customers report that every grain grew.

Special Notice: We are compelled to make prices in advance on Field Seeds given in the following pages

THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

BAGS HOLDING 2½ BUSHELS, EXTRA AT 75c EACH.



Reed's Golden Dent Seed Corn

The stalk is rather light, short and well developed. The foliage is abundant. The well-developed roots and strong, wiry stalks enable it to stand up well, even during windy seasons. When mature, the husks are loose, dropping away from the ear. Considering the size of the ear it is a surprisingly good yielder, due to the fact that a great many of the stalks bear two ears. Its rich golden color and fine quality of grain make it superior for grinding into meal. It is perfect in every respect. Pkt. 10 cts., lb. 25 cts., by mail, postpaid; by freight or express, lb. 20 cts., peck \$1.25, bushel \$4.00.

IMPROVED MASTODON

OUR FAMOUS ENSILAGE CORN

Is a yellow Corn with white cap and red cob. The ears attain exceptional size, being from 9½ to 12 inches long and from 7½ to 8½ inches in circumference. Some of the ears retain a slight taper from butt to tip, but the large majority are very cylindrical. The ears weigh 11 to 18 ounces, having from 16 to 22 rows. The crown is slightly roughened, with rounding corners, the rounding corners giving a smoother appearance to the Corn than it really has. The kernels set very close together and have a fine large development of the germ. This Corn carries a large percent of oil and protein. We have obtained some striking results as to yield with the Improved Mastodon. Under ordinary conditions this Corn yields over 100 bushels an acre. The stalk is large and stiff, producing a great amount of luxuriant foliage, which, when cured, affords a very superior article of fodder. It stands about 10 feet high, the ear appearing 4 feet from the ground. It has come into such favor as an ensilage Corn that there is a great demand for it by dairymen throughout the country. It matures in 120 days and is recommended for any soil. Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, lb. 20 cts., peck \$1.25, bushel \$4.00.



A Half Bushel of Improved Mastodon

IMPROVED GOLDEN BEAUTY

HAS THE LARGEST GRAIN AND SMALLEST COB OF ANY CORN IN CULTIVATION

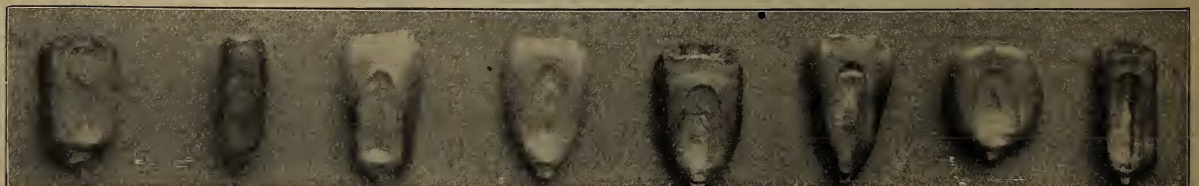
The productiveness of the Golden Beauty Corn is due to the economical shape of the ears and the fact that a large proportion of the stalks produce fine ears. It is the largest grained and handsomest golden yellow Corn we have ever seen. The ears are of perfect shape, with 10 to 14 straight rows. Cobs are unusually small; when broken in half the grains will reach across them. The richness of color and fine quality of grain make it superior for grinding into meal. We can guarantee this Corn to give good satisfaction wherever grown. Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, peck \$1.25, bushel \$4.00.

WHITE CAP DENT CORN

This combines the earliness and hardness of the Pride of the North, with ears of very large size. The stalks are stout, growing 6 to 7 feet in height, with abundant foliage. Ears of handsome appearance, 8 to 10 inches in length, well filled, having 16 to 18 rows of deep grains. The cob is small, grains being very deep and quite wide. The outer end of the grain is white, deeply dented, while the inner portion is a clear amber-yellow. The grains are flattened and set squarely on the cob and completely fill the entire surface of the ear. Choicest stock grown by the originator at prices quoted below. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck \$1.25, bushel \$4.00.

GOLD STANDARD LEAMING CORN

We have increased the size of ears and percentage of grain by breeding from tapering to cylindrical shape. We have also increased depth and roughness of kernel and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7½ to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage and thrive well on all soils where many other varieties fail. It is an immense yielder, producing, under favorable conditions, 100 bushels or more to the acre. Prices same as White Cap Dent.



Group of Kernels showing Desirable and Undesirable Shapes. Nos. 3, 4, 5, 6 are fair to best shapes, while 1, 2, 7 and 8 are to be avoided



HOLMES' LIBERTY BOND—field of corn growing for seed

CORN IS KING

Holmes' LIBERTY BOND Field Corn

**DECIDEDLY THE LARGEST AND BEST FIELD CORN
IN CULTIVATION. ABSOLUTELY DROUTH PROOF**

Holmes' Liberty Bond originated in Lehigh county and has been grown there by a prosperous farmer for a number of years. Last year we were very fortunate in securing some stock seed of this variety, and succeeded in raising a magnificent crop by the originator. It is the most productive, bears the largest ears of any field Corn that we know of. The stalks grow uniformly, from twelve to fifteen feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 100 days and the large, handsome ears vary from sixteen to twenty rows each, measuring ten to thirteen inches in length, the majority of them having eighteen rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The cobs are rather small for such mammoth ears, being only $1\frac{1}{4}$ inches thick. The six points of merit of this magnificent, new field Corn are:

First.—It being an extremely heavy cropper.

Second.—Maturing in 100 days.

Third.—Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk.

Fourth.—It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn.

Fifth.—It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil.

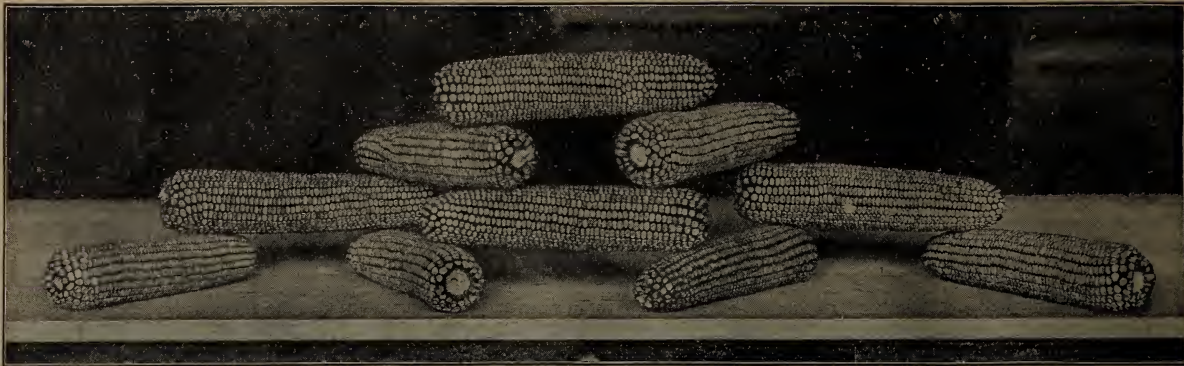
Sixth.—For Seed Corn, it will sell on sight and farmers will make more money from this Corn than any we know of.

The illustrations on this page are exact reproductions from photographs of our field growing for seed, and als an average ear.

This Corn may be ground almost as soon as husked, as it dries rapidly. This year we offer Holmes' Liberty Bond at the following prices: Per pkt. 10 cts., lb. 25 cts., by mail, postpaid. Per pk. \$1.25, $\frac{1}{2}$ bu. \$2.25, bu. \$4.25, 2 bus. sack \$8.00. 10 bushel and over at \$3.75 per bushel, sacks extra, holding 2 bu. 65c each.

From photograph
Above ear $\frac{3}{4}$ natural size

OUR CROP IS LIMITED AND WE WOULD ADVISE ORDERING EARLY.



Holmes' Emperor Dent

HOLMES' EMPEROR DENT

DECIDEDLY THE LARGEST AND BEST FIELD CORN IN CULTIVATION. ABSOLUTELY DROUGHTPROOF
PENNSYLVANIA GROWN

Holmes' Emperor Dent, grown in Dauphin County, is the most productive of any field Corn that we know of. The stalks grow uniformly, from 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 90 days, and the large, handsome ears vary from 16 to 20 rows each, measuring 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The six points of merit of this magnificent new field Corn are: (1) It being an extremely heavy cropper. (2) Maturing in 90 days. (3) Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk. (4) It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn. (5) It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil. (6) For seed Corn, it will sell on sight, and farmers will make more money from this Corn than any we know of.

The illustration on this page is an exact reproduction from photograph of average ears. This Corn may be ground almost as soon as husked, as it dries very rapidly. This year we offer Holmes' Emperor Dent at the following prices: Pkt. 10 cts., lb. 25 cts., by mail, postpaid; peck \$1.25, ½ bushel \$2.50, bushel, \$4.50, 2-bushel sack, \$8.50, 10 bushels and over at \$3.85 per bushel, sacks included.

Cuban Giant Mammoth Ensilage.

Has produced 70 tons of fodder to the acre and is one of the very best and most popular for Ensilage. The fodder is sweet, tender, juicy; grows 13 to 14 feet in height. Peck

\$1.25, bushel, \$4.75.

Red Cob Ensilage.

A new variety of extreme merit. We highly recommend it as the heaviest cropping variety, producing from 50 to 75 tons per acre. The fodder is tender, sweet and juicy and grows 12 to 14 feet high. Unexcelled for the silo. Peck, \$1.25, bushel, \$4.75.

Sugar Corn for Green Fodder.

Best for early fall green feed. Very profitable for cattle. A favorite with dairy farmers, also excellent for soiling. Peck \$1.25, bushel, \$5.00.

New Keystone Mammoth Pride Corn

Absolutely droughtproof. The most productive; bears largest ears and is absolutely droughtproof. The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 10 to 18 rows each, the most of them having 16 rows of deep grains, which are of a rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only 1¼ inches thick. This grand new Corn can only be obtained from us. By express or freight, at purchaser's expense, peck \$1.25, ½ bushel \$2.25, bushel \$4.00.

IOWA GOLD MINE

Ears of good size and symmetrical; a bright golden yellow; grain very deep; cob small, drying out quickly when ripe. From 70 pounds of ears, 60 to 62 pounds of shelled corn may be obtained. Early, and of the highest market value. Peck \$1.00, bushel \$3.00, bag of two bushels \$5.75.

PRIDE OF THE NORTH. Used in northern latitudes. Stalks short-jointed and leafy. Kernels are very deep, closely set on the ear. Qt. 25 cts., peck \$1.25, bushel \$4.00.

VIRGINIA EUREKA ENSILAGE CORN

Has a record of 70 tons and 800 pounds of Corn grown on one acre. Enough to feed seven head of cattle for one year and enough left over for 261 days, feeding at the rate of 50 pounds per day.

This Corn was originated in Virginia about 25 years ago and has been grown on the same farms there for us ever since. It is the result of careful selection for many years from the old southern prolific Corn which often has five to eight ears on a stalk. This selection was made with the view of getting a larger ear and more foliage. It has been grown entirely away from other kinds and it is a distinct variety and a great improvement over any other Southern White Dent Corn.

Corn has been offered by others under the name of Eureka, but it is simply the common Southern White that they are offering and at the time of cutting there will be as much difference as there is between Crosby and Stowell's Evergreen. Eureka is a Smooth White Dent Corn with short kernels, while many of the southern white varieties have the horse tooth kernels. Be sure and get the genuine.

WHEN IS THE PROPER TIME TO CUT ENSILAGE?

As Corn is simply overgrown grass and everyone knows that grass should be cut when it is in the blossom, then Corn should be cut when it is in that same condition. Don't look for the ear; simply watch the tassel. It is better to cut Corn too early than too late. Mature ears should never be put in the silo. The grain bin is a much better place. The silo was not invented as a substitute.

Eureka Corn has a record of 70 tons and 800 pounds of green corn from one acre. This record was made by weighing one square rod taken from an acre which was first divided into four equal parts, and the weighing was done by three reliable disinterested parties. We have several estimates of even more than this and we believe that this record can be broken. Price, ½ peck 75 cts., peck \$1.50, ½ bushel \$2.75, bushel \$5.25, 2-bushel bag \$10.00, 10 bushels and over \$4.85 per bushel.

NOTE—Our stock is the genuine, being grown by one of the best growers in Virginia.



Seed Oats

There is Big Money
in Oats

IF YOU GROW THE RIGHT
KIND

The New Alberta Oats

In almost every line of agriculture today improvements have been made—better stock, better corn, better cotton, better alfalfa, better fruits and vegetables

of all kinds, all of which has been done by breeding. But it seems that oats, one of the most important crops and easiest to grow, has been left out until the last two or three years.

Of all the crops that grow on the great American continent nothing is so easily grown and as reasonably sure as a good crop of oats, if the right kind of methods are pursued. You can't raise good oats from poor, inbred seed any more than you can raise good cattle or pigs or good corn, unless you select the best. It is an absolute impossibility.

For many years we have made the growing of Seed Oats a specialty, importing our seed stock for our own use, from which we grew much of our seed, but in the progress of time we find many progressive farmers who want the best the world can produce, and as good as any seedsman or seedhouse in America uses for growing their own stock.

THE NEW ALBERTA

The cut bordering this page is a fine illustration of the head of the New Alberta Oats, except these were photographed below the average size and only shows the head $\frac{1}{2}$ natural size.

These new Oats were introduced into the Alberta country only four years ago by emigrants who took their seed from Iowa, and were known at that time as the **Regenerated Swedish Select Oats**, but owing to the great success and results made and given they soon thereafter took the name of **New Alberta**, often yielding 125 to 140 bushels per acre and weighing out from 45 to as high as 52 pounds per measured bushel. Since their first introduction into Alberta they have been continually grown on new, clean virgin land, free from weeds, located in the **greatest Oats producing country in the world**, which produces these vigorous hardy Oats—Seed Oats that is full of life and vigor that will easily make you a yield of **three times as much** as common ordinary varieties.

The New Alberta is of strong, stiff straw; stands up well on rich ground, as near rustproof as any Oats in existence; ripens medium early, two or three weeks ahead of late varieties, and is the all-round best variety and quality of Oats to be found anywhere.

Price, at purchaser's expense, by express or freight, peck 75 cts., $\frac{1}{2}$ bushel \$1.40, 1 bushel \$2.75, 2 to 4 bushels \$2.60, 10 bushels and over \$2.50.

NOTE—Our Oats are direct from the Alberta country. You can rely on securing the genuine seed if purchased from us.

Long's Improved White Tartar

Direct from the new importation. Outyields nearly all others and is the very best for all-round purposes. Earliest variety grown, with long straw, usually averaging 4 to 5 feet, and rustproof. Succeeds well on all soils. Golden-yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs 42 pounds. Lb. 25 cts., 3 lbs. 65 cts., postpaid. By freight or express, peck 75 cts., bushel of 32 lbs. \$2.50, 2 bushels \$2.40, 10 bushels \$2.30 per bushel, 20 bushels and over \$2.25 per bushel. Bags holding $2\frac{1}{2}$ bushels 75 cts. each, extra.

Long's Storm King

Mr. Isaac Long, a successful, scientific and widely known farmer, imported this remarkable Oats from Tartary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 4 to 6 feet tall. It yielded over 100 bushels to the acre, and weighed 45 pounds to the measured bushel—clean and bright, no smut. There were 100 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and heaviness of head. Lb. 35 cts., 3 lbs. 75 cts., postpaid.

Long's Storm King Oats

By express or freight, peck 75 cts., bushel of 32 lbs. \$2.75, 2-bushel sack \$5.00, 10 to 20 bushels \$2.40 per bushel, 21 to 50 bushels \$2.25 per bushel. Bags holding $2\frac{1}{2}$ bushels 25 cts. each, extra.

Remember, we have the originator's stock and offer this from the original importation. Send for sample.

MRS. J. M. IRVINE, Loysville, Pa., writes: "We have been selecting seed from your seed book for several years and always were well pleased with the seed bought of you and found them the cheapest in the end, because they always grow and prove to be just as you represent them."

BENJ. G. WENGER, Murrell, Pa., writes: "Enclosed find our order for seeds. We have ordered seeds from you for several years and have always found them very satisfactory."

Holmes' Superior Recleaned Clover Seeds



Alfalfa, or Lucerne

Note. The prices of some varieties of Clover, Grass and Field Seeds may change as the season advances. Prices now given are those prevailing when this catalog was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

Alfalfa (*Medicago sativa*), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation and often bears from five to six crops of hay a year. It does well in almost any climate and improves any soil that is sown with it. A good stand of it will choke out and practically kill wild morning-glory. Prepare the land by deep plowing and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow it. Alfalfa seed is graded by the amount of dead matter and the percentage of weed seeds it contains. The very worst weed is dodder, which infests seed grown on low lands. Dodder is a yellow parasitic plant with abundant stems but no leaves; the roots live on the alfalfa plant and quickly kill it. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains this weed. Our Alfalfa is grown out of the state on high land, and is dodder-free. **Lb. 40 cts., 3 lbs \$1.00, postpaid. Price per bushel on application.**

RED MEDIUM CLOVER. This is the common Red Clover so largely grown throughout the country. **Lb. 50 cts., 3 lbs, \$1.45, postpaid. Price per bushel on application.**

MAMMOTH, or PEA-VINE CLOVER. This grows much taller, with larger, leafier stalk, and large, slightly-pointed leaflets. **Lb. 50 cts., 3 lbs \$1.45, postpaid. Price per bushel on application.**

WHITE DUTCH CLOVER. The best variety for lawns; valuable in permanent pastures. **Lb. 75 cts., postpaid. Price per bushel on application.**

Alsike, or HYBRID CLOVER. The hardiest of all, sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom-heads round; flesh-colored; sweet and fragrant; much liked by bees. Sow 10 to 20 pounds per acre in spring or fall. **Lb. 50 cts., postpaid. For larger quantities write for prices.**

Crimson, or SCARLET CLOVER. An annual variety providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. **Lb. 40 cts., 3 lbs. \$1.00, postpaid. For larger quantities write for prices.**

Holmes' Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations

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| <p>AWNLESS BROME GRASS (<i>Bromus inermis</i>). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bu.)</p> <p>CANADA BLUE GRASS (<i>Poa compressa</i>). Useful for sowing on hard clay and poor soils. (14 lbs. per bu.)</p> <p>CREeping BENT GRASS (<i>Agrostis stolonifera</i>). Excellent for lawns; thrives on moist lands. (Bu. 20 lbs.)</p> <p>CRESTED DOG'S TAIL (<i>Cynosurus cristatus</i>). An excellent grass for hard, dry soils; valuable for pastures and lawns. (21 lbs. per bu.)</p> <p>ENGLISH RYE GRASS (<i>Lolium perenne</i>). Nutritious, vigorous; for meadow and pasture. (Bu. 24 lbs.)</p> <p>HARD FESCUE (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bu.)</p> <p>ITALIAN RYE GRASS (<i>Lolium Italicum</i>). A valuable European variety, adapted to any climate and produces large and nutritive crops. (18 lbs. per bu.)</p> <p>KENTUCKY BLUE GRASS (<i>Poa pratensis</i>). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bu.)</p> <p>MEADOW FESCUE (<i>Festuca pratensis</i>). Fine permanent pasture; heavy and nutritious. (Bu. 22 lbs.)</p> <p>MEADOW FOXTAIL (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. (7 lbs. per bu.)</p> <p>ORCHARD GRASS (<i>Dactylis glomerata</i>). A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bu.)</p> <p>PERENNIAL RYE (<i>Lolium perenne</i>). Nutritious; for meadow or permanent pasture. (Bu. 20 lbs.)</p> <p>RED, or CREEPING FESCUE (<i>Festuca rubra</i>). Valuable for lawns. (14 lbs. per bu.)</p> <p>RED TOP GRASS (<i>Agrostis vulgaris</i>). Valuable for either pastures or lawns. (14 lbs. per bu.)</p> <p>RHODE ISLAND BENT GRASS (<i>Agrostis canina</i>). Valuable for either pastures or lawns. (14 lbs. per bu.)</p> <p>ROUGH-STALK MEADOW GRASS (<i>Poa trivialis</i>). Excellent for pastures and meadows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. Sow 20 lbs. per acre.</p> <p>SHEEP'S FESCUE (<i>Festuca ovina</i>). Excellent for sheep pasture; 6 to 10 inches high. (Bu. 12 lbs.)</p> <p>SWEET VERNAL, TRUE PERENNIAL (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bu.)</p> <p>TALL MEADOW OATS GRASS (<i>Avena elatior</i>). This is a valuable variety for pastures. (10 lbs. per bu.)</p> <p>TALL FESCUE (<i>Festuca elatior</i>). Early, nutritive and productive in permanent pastures on wet or clay soils. On moist lands yields a large amount of good hay. Height 3 to 4 feet. Not suitable for lawns. Sow 40 lbs. per acre. (14 lbs. per bu.)</p> <p>TIMOTHY (<i>Phleum pratense</i>). A variety producing a profitable hay crop in almost any soil. One-half bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bu.)</p> <p>VARIOUS-LEAVED FESCUE (<i>Festuca heterophylla</i>). A perennial grass suitable for cold, moist soils in which it will yield heavily. Valuable in permanent meadows, either for mowing or grazing. Height 2 to 3 feet. As a lawn grass it is valuable, especially for shaded places. Sow 40 lbs. per acre. (Bu. 12 lbs.)</p> <p>WOOD MEADOW GRASS (<i>Poa nemoralis</i>). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bu.)</p> | <p>By Freight or Express</p> <p>Bu. Lb. 100 lbs.</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Prices on Application</p> |
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Timothy

MRS. D. S. KREPS, Canlon, Mo., writes: "I have planted your seeds for about 12 years and have had good results all the time. I am well pleased with your promptness in filling orders."



This Lawn was sown with Holmes' Capitol Park Lawn Grass Seed

Choice Lawn Grass Seed Mixtures

A Few Words Here. The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of 70 feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seed is in spring, from February to May, or if in fall, from September to November, using on small plots at the rate of one quart of seed to each 15 square feet, and for large lawns, golf-links, tennis, cricket and croquet-grounds, use at the rate of 80 pounds of seed per acre, and for putting-greens 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor. We recommend **Holmes' Lawn Dressing** as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

THE AMERICAN LAWN BEAUTIFUL. A booklet brimful of valuable information free for the asking.

Holmes' Capitol Park Lawn Grass Seed

BOTH FOR FORMING NEW LAWNS AND RENEWING OLD LAWNS. THE KIND THAT GIVES LASTING RESULTS. FOUR WEEKS FROM SOWING YOU CAN USE YOUR MOWER

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, re-cleaned domestic and foreign grasses, best adapted for a perfect and enduring lawn. No more sodding once Capitol Park Lawn Seed is used; for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. Qt. 30 cts., 2 qts. 55 cts. (add 5 cts. per quart extra if sent by mail). Seed in bulk, by freight or express, peck \$1.50, bushel of 20 lbs. \$5.00.

HARRY W. MILLER, Harrisburg, Pa., writes: "It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily weeded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sown, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, *The American Lawn Beautiful*, which you advised me to read, will give results; and the beauty of it all is no weeds have made their appearance."

HOLMES' TERRACE MIXTURES

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. By freight or express, qt. 30 cts., peck \$1.50, bushel of 20 lbs. \$5.

Holmes' Shady Nook Lawn Mixture

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walks, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy re-cleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. Qt. 35 cts., postpaid. By freight or express, qt. 30 cts., 4 qts. \$1, peck \$1.85, bushel of 20 lbs. \$7.00

V. GRANT FORRER, Supt. Harrisburg Park Commission, writes: "I desire to say that the grass seed which you furnished of your Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The results obtained were more than satisfactory, and I can unhesitatingly recommend your seed, not only the Shady Nook, but also the grass seed you furnished for golf-course and lawns, as being thoroughly reliable."

The above photograph taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Holmes' Shady Nook Mixture

Holmes' Golf-Links Mixture

FOR FAIR-GREENS AND PUTTING GREENS

For some years past we have made up a special mixture of Grasses adapted specially for golf courses. This mixture is composed of Grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time.

Holmes Fair Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck 85 cts., bushel of 15 lbs. \$3.25, 5 bushels \$15, 10 bushels \$27.50, 25 bushels \$65.

Holmes' Putting Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck \$1.50, bushel of 20 lbs. \$6, 5 bushels \$28.75, 10 bushels \$55.

The Fair Green Mixture you supplied to the Colonial Country Club for use on the golf course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shaly knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring.

As regards the lawn in front of clubhouse, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture—STEWART MCEWAN, Professional Greenkeeper.



Holmes' "Tough Sod" Grass Mixture

FOR TENNIS-COURTS, CROQUET-GROUNDS, BOWLING-GREENS, BALL-PARKS, ETC.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass Seed is a blend of Grasses especially suited for the making of Grass tennis courts, croquet grounds, bowling greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand to wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or 5 bushels per acre; half that quantity will do for renovating. Price, delivered free in the United States, qt. 30 cts., 4 qts. 75 cts., peck \$1.35, bushel of 20 lbs. \$5.



Holmes' Special Grass Mixture

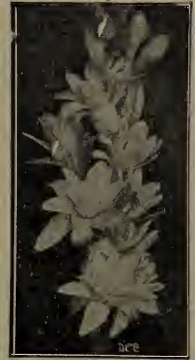
FOR PERMANENT PASTURE AND HAY

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out it will pay you to plow up and seed again, when you will soon be cutting heavy crops from Holmes' Permanent Pasture Mixture. Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a special mixture for renewing old pasture, etc., write us and we will give information. Lb. 25 cts., by mail 35 cts.; bushel of 15 lbs. \$4, 5 bushels \$17.50, 10 bushels \$32, 25 bushels \$75, 50 bushels \$140.

Summer - Flowering Bulbs and Roots

Begonias, Tuberous-Rooted

There is hardly a single garden in which there are not semi- or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost.



	SINGLE			DOUBLE		
	Each	Doz.	100	Each	Doz.	100
Crimson.....	15	\$1 50	\$6 00	25	\$2 50	\$10 00
Orange.....	15	1 50	6 00	25	2 50	10 00
Pink.....	15	1 50	6 00	25	2 50	10 00
Scarlet.....	15	1 50	6 00	25	2 50	10 00
White.....	15	1 50	6 00	25	2 50	10 00
Yellow.....	15	1 50	6 00	25	2 50	10 00
Mixed.....	15	1 00	5 00	25	2 20	8 50

Add 10 cts. per dozen for mailing
Single Bulbs mailed free

Caladium Esculentum (Elephant's Ear)

Pearl Tuberose

Peony Specialities

The leading and best varieties from the best originators, guaranteed true to name. Blooming size roots, 3 to 5 eyes.

	Each	Doz.
Albatre, white, lightly shaded ivory, carmine lines at the center, extra.....	\$1 00	\$ 8 00
Alexandre Dumas, lively brilliant pink, interspersed with white, salmon and chamois. Very pretty and one of the earliest of the Chinensis sorts to bloom.....	50	4 00
Baron J. Rothschild. Outside petals rose, center salmon, fragrant.....	50	4 00
Bernard de Palissy. Fleshy white with glossy reflex..	1 00	8 00
Cameron. Very large imbricated blooms, deep purplish red and wall-flowered colored, shaded with velvety hues. Late.....	1 00	8 00
Canari. Creamy white, tinted yellow.....	50	4 00
Couronne D'Or. Immense, very full imbricated ball-shaped bloom; color snowy white with yellowish reflex with light carmine edges on a few center petals.....	1 00	8 00
Duchesse de Nemours. Very fine cup-shaped bloom; sulphur-white with greenish reflex, fading to pure white. Pretty in bud.....	50	4 00
Duc de Wellington. Very large, well-formed sulphur-white bloom; habit ideal; stems very firm and long; strong grower, very fragrant.....	50	4 00
Edulis Superba. Pink, slightly violaceous, intermixed with narrow whitish petals. Early.....	50	4 00
Eugene Verdier. Salmon-pink, changing to clear pink, nearly white; very fine plant. Midseason.....	1 50	.....
Felix Crousse. Large full ball-shaped bloom; brilliant red with ruby-flamed center; exceptionally bright, effective and desirable. Late midseason.....	75	6 00
Festiva Maxima. Enormous, very full shell-formed bloom; color snow-white shading to delicate creamy white at base of petals with an occasional clear purple spot on edges of center petals; very fragrant. Early..	60	5 00
Gloire de Chas. Gombault. Large bloom, full deep fleshy pink collar, center petals clear fleshy salmon color shaded apricot, tuft of broad petals, pink striped with carmine; multi-color variety; color of a great freshness. Late midseason.....	1 00	8 00
Mme. Bucquet. Very pretty, perfectly formed bloom; color darkest velvety amaranth, almost black. Magnificent variety.....	1 00	8 00
Mme. Crousse. Very large, full, well-made flower; color snow-white, center petals edged with bright carmine. One of the finest. Midseason.....	75	6 00
Mme. de Verneville. Compact, full imbricated blooms; very broad guards sulphur-white, center delicate rosy white with an accidental touch of carmine.....	75	6 00

Mme. Ducl. Perfectly formed globular bloom of dwarf, vigorous habit; very free; color bright silvery pink, tinted and marked with salmon and silvery reflex. Midseason.....	50	4 00
Marie Lemoine. Enormous sulphur-white bloom shaded with pink and chamois; strong stems of medium height. Magnificent variety. Very late bloomer,	1 25	10 00
M. Jules Elie. Immense globular, very full, imbricated flower of very strong long stems; petalage broad and overlapping, forming the most perfect peony in existence; color, the finest glossy flesh-pink shading to deeper rose at the base, the entire bloom covered with a silvery reflex. Midseason.....	1 00	8 00
Margaret Gerard. Large, compact, semi-rose, developing into a crown with stamens. Very pale hydrangea-pink fading to nearly white, central petal minutely flecked dark carmine. Strong, medium height, free bloomer. Late, extra.....	1 25	10 00
Marechal Vaillant. Very large, compact, globular, rose type. Dark mauve-pink. Tall, heavy, coarse stem, barely supporting the heavy bloom. Late, good variety.....	75	6 00
Modesta Guerin. Large, compact, typical bomb. Uniform light solferino-red. Fragrant. Medium height, extra strong. Free bloomer. Midseason. Extra good variety.....	75	6 00
Princess Beatrice. Pink guard petals, a few salmon-yellow petals with a large rose tuft in the center. A very distinct and handsome variety. Free bloomer..	1 00	8 00
Solfatare. Large, compact, sulphur-white, crown type, with milk-white guard petals; some blooms are typical bombs when they first develop. Midseason.....	75	6 00
Triomphe de L'Exposition de Lille. Medium size bloom; soft flesh-pink with white reflex, very fresh coloring; compact, of erect habit. Late.....	75	6 00
Wilhelmina. Fine soft rose, shaded lavender, extra large.....	75	6 00

Caladium Esculentum

(Elephant's Ear)

As centerpieces or specimens in flowerbeds, Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for ricinus and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.
Monster Bulbs.....	60	\$6 00
Mammoth Bulbs.....	40	3 75
First-Size Bulbs.....	20	2 00
Second-Size Bulbs.....	15	1 50

Single Bulbs mailed free. Add for postage to dozen prices as follows: Monster Bulbs, 15 cts., Mammoth, 10 cts., First-Size, 5 cts., Second-Size, 3 cts.

Summer-Flowering Bulbs and Roots—Continued

Holmes' Superb Gladioli

The Gladiolus is the most useful of all flowers. Apart from its striking beauty and effectiveness while blooming in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

We name below a few of the latest introductions:

	By Mail	
	Each	Doz.
America. Soft lavender-pink.....	\$0 10	\$0 75
Augusta. Lovely, pure white with blue anthers.....	10	75
Baron Hulot. Rich, deep indigo-blue; very rare.....	10	1 00
Childsii. Finest mixed varieties. Large size; brilliant colors.....	10	75
Eugene Scribe. Rose color, shaded carmine-red.....	10	1 00
George Paul. Crimson, stained yellow, spotted purple.....	15	1 25
Groff's New Hybrids, Mixed. Selected from the cream of high-quality Gladioli.....	10	75
Holmes' Superb Mixture. Every bulb is extra choice; the very largest and finest kind of flowers.....	10	75
I. S. Hendrickson. Irregular mottling of white and pink.....	15	1 25
Klondyke. Clear primrose, blotched crimson.....	10	1 00
Kunderl "Glory." Exquisitely ruffled and fluted, cream-pink, crimson stripe.....	15	1 25
May. Pure white, flaked crimson; extra strong.....	10	75
Victory. Delicate sulphur-yellow; best yellow.....	15	1 25



Gladiolus Augusta



Gladiolus America

We can also furnish all other varieties of Gladioli upon application

Holmes' Prize Dahlias

THE CHOICEST OF THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlia roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 6 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

DECORATIVE DAHLIAS

	Each	Doz.
Admiral Dewey. Rich purple; very free.....	20	\$2 25
Madame Van den Dael. Large; white.....	20	2 25
Jack Rose. Rich crimson; large.....	20	2 25
Clifford W. Bruton. Canary-yellow.....	20	2 25
Lyndhurst. Brilliant cardinal-red.....	20	2 25
Sylvia. Deep pink, pure white-center.....	20	2 25
Nymphaea. White suffused with pink.....	20	2 25
Maid of Kent. Cherry-red, tipped white.....	20	2 25
Mrs. Roosevelt. Beautiful light pink.....	25	2 50
Mrs. J. Gardner Cassatt. Deep rose-pink; large.....	50	5 00

CACTUS DAHLIAS

	Each	Doz.
Countess of Lonsdale. Salmon-pink and amber.....	25	\$2 50
Volker. Yellow; free-flowering.....	25	2 50
Kriemhilde. Brilliant pink.....	25	2 50
J. H. Jackson. Crimson-maroon; large.....	25	2 50
Eva. Dwarf, white; profuse bloomer.....	25	2 50
Mrs. Edw. Mawley. Soft yellow; large.....	25	2 50
Floradora. Pure garnet; splendid form.....	25	2 50

SHOW AND FANCY DAHLIAS

	Each	Doz.
Arabella. Light sulphur-yellow.....	20	\$2 25
John Walker. Elegant pure white.....	20	2 25
Red Hussar. Pure cardinal-red.....	20	2 25
Emily. White, tipped soft lilac.....	20	2 25
Admiral Schley. Rich crimson.....	20	2 25
A. D. Livoni. Clear soft pink, quilled.....	20	2 25
Dorothy Peacock. Clear soft pink.....	75	7 50
White Swan. Large; pure white.....	20	2 25
SINGLE DAHLIA. "Rebecca Mayhew." Pure white.....	25	2 50

NEW "GIANT CENTURY" DAHLIAS. Write for list and prices.

Holmes' Special Dahlia Catalog sent free for the asking

Holmes' Selected Cannas

	Ft.		Price	
			Ea.	Doz.
Red Shades				
Brandywine.....	3½	Rich red, with bronze foliage.....	15c	\$1 50
Compte de Sachs.....	4	Clear crimson scarlet.....	10c	1 00
Duke of Marlboro.....	4	Dark velvety crimson.....	10c	1 00
Fiery Cross.....	5	Fiery scarlet.....	50c	5 00
Wm. Saunders.....	4	Bright scarlet, bronze foliage.....	15c	1 50
Pink Shades				
City of Portland.....	4½	Deep glowing pink, good bloomer.....	20c	2 25
Eastern Beauty.....	4	Light salmon, bronze foliage.....	10c	1 00
Maid of Orleans.....	4½	Mottled pink, very creamy.....	15c	1 50
Morning Glow.....	4	Pink to rich red, bronze foliage.....	15c	1 50
Wawa.....	3	Very beautiful soft pink.....	15c	1 50
White Shades				
Blanche Wintzer.....	3½	Immense pure snow white.....	50c	5 00
Mont Blanc.....	3½	Almost pure white.....	20c	2 25
Yellow Shades				
Director Holtze.....	3	Spotted yellow.....	10c	1 00
Golden Gate.....	4	Pure gold with apricot center.....	10c	1 00
Jane Addams.....	4½	Bright buttercup yellow, buds maroon.....	10c	1 00
Juanita.....	4½	Golden orange, bronze foliage.....	15c	1 50
Princeton.....	4	Intense yellow with red throat.....	20c	2 25
Variegated				
Burbank.....	4½	Yellow variegated.....	10c	1 00
Gladioflora.....	3½	Crimson carmine rose, edged gold.....	15c	1 50
Giant Orchid Flowering				
King Humbert.....	4	Orange-scarlet, bronze foliage.....	10c	1 00
Uncle Sam.....	7	Brilliant orange-scarlet.....	15c	1 50

Gloxinias

A gorgeous plant, either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. They can be easily made to bloom in the house as pot-plants. Bulbs must be lifted in the fall.

	Each	Doz.
Named Colors.....	25	\$2 50
Choicest Mixed Colors.....	15	5 10

Tuberose

TUBEROSES. Excelsior Pearl, pure white, 5 cts. each, 50 cts. per doz., \$3.50 per 100. Mammoth Bulbs, 10 cts. each, 75 cts. per doz. \$4.50 per 100. Add 15 cts. per doz. for mailing.



HOLMES' FLOWERS

Flowers are so inexpensive, and so easy to have, that they are not generally appreciated in proportion to what they do to make a place comfortable and beautiful. Even one or two sorts near a house, the small ones in beds and the larger plants standing alone, will do wonders toward lighting the place up and making it more homelike and habitable. And a larger collection properly grouped and arranged over a lawn or garden will make of almost any place a beautiful home.

We have a complete Landscape Gardening Department which is equal to any you would pay much for in laying out your grounds and telling you what plants to use and their cost. No matter how small or how big your idea of planting is, submit it for our plan.

Choice Flower Seeds

We are specialists in Flower Seeds, and extensive growers. All our seeds are new crop, tested, and of strong germination.

General Cultural Directions. The well-known annual flowers, such as Sweet Alyssum, Calliopis, Calendula, Marigold, Mignonette, Nasturtium, etc., sow where they are intended to flower, either in lines or beds, covering not over four times their size, and firming the soil over them. For those which should be started indoors, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in boxes, covering about one-eighth of an inch and pressing firmly; cover with a pane of glass and keep in a temperature between 60 and 70 degrees. Water carefully as needed. Transplant into boxes, an inch apart each way, or put into small pots until time to plant out. They should have an abundance of air.

Holmes' Mammoth Flowering Asters

Asters are so handsome and useful in a thousand ways that nearly everyone is familiar with them. If there are any points of their treatment that you do not understand, write us. We put out a special book devoted to these and other flowers.

	By Mail, Pkt.
GIANT COMET. Resembles Japanese Chrysanthemum. Flowers often 6 inches across; long, wavy, twisted petals, in loose half-globe. Each plant bears 20 to 30 magnificent flowers on long stems. (177) mixed colors, (175) Rose, (176) White.....	\$0 10
150 HOLMES' LAVENDER GEM. Flower opens a delicate lavender which deepens with age, full, double and feathery like an ostrich plume....	10
141 HOLMES' NEW ASTER, IMPERIAL LAVENDER. Of true Comet type; large flowers, of the most charming shade of lavender.....	10
TWO BEAUTIFUL ASTERS, IMPERIAL PURITY AND IMPERIAL DAYBREAK. Beautiful, bushy, branching Asters, about 2 feet high; large, double flowers, incurved petals.	
140 Imperial Daybreak (Shell-pink)	10
142 Imperial Purity (Pure white)	10
GIANT OSTRICH-FEATHER. The immense double flowers suggest a curled ostrich-plume; exceptionally handsome as cut-flowers. About 2 feet. (184) Splendid Mixed, (180) White, (181) Rose, (182) Carmine, (183) Blue.....	10
HOLMES' LATE GIANT BRANCHING. Strong, branching bushes, 2 to 4 feet high, bearing on long stems their Chrysanthemum-like flowers which average 5 inches across. At the head of Asters for cutting; best during September. (190) Pure White, (191) Pink, (192) Purple, (193) Lavender, (194) Crimson, (195) Mixed Colors.....	10
155 HOLMES' MIKADO PINK ASTER, ROCHESTER. Beautiful lavender-pink flowers, 4½ to 6 inches.....	15
156 HOLMES' MIKADO WHITE. Mid-season; large and full double; about 2 feet; petals curved and twisted.....	15
160 HOLMES' ROSE KING. Pleasing shade, very bright and brilliant. Full-double flowers as large as saucers, on two-foot stems.....	15
165 HOLMES' ROYAL PURPLE. A little better than any other in its class. Full-double on long stems; medium early.....	10
170 HOLMES' VIOLET KING. Foliage richest green; petals fantastically twisted and curled and incurved; blooms 4 to 5 inches across, soft violet lilac color.....	10
QUEEN OF THE MARKET. Branching; flowers good size on long stems; 1½ feet. (204) Fine Mixed, (200) Indigo-blue, (201) Red, (202) Rose, (203) White.....	10



Cosmos

Lobelia

Nasturtiums

Cosmos — Giant-Flowering

Beautiful Autumn-blooming plants, furnishing thousands of beautiful flowers in pure white, pink and crimson shades. When plants are about a foot high the tops should be pinched to induce a bushy growth.

	By Mail, Pkt.
477 Klondyke Golden Yellow.....	\$0 05
478 New Giant Mixed. All colors.....	05
479 White Pond Lily. Flowers 5 inches across; white with yellow center.....	05
475 Holmes' Mammoth Perfection Mixture. We offer here the most magnificent mixture of Cosmos in the world. The flowers are giants, often 4 inches across; petals overlap, forming a perfectly round flower. Plants are one mass of feathery, emerald-green foliage.....	05
480 Dawn. New Early Dwarf Large-flowering. 4 feet. Pure white, with a tinge of rose.....	05
481- Mammoth Pink.....	05
482 Mammoth Crimson.....	05
483 Rainbow. All colors in one flower.....	05

Lobelia

Very fine plants for edging flower-beds, their brilliant shades of blue and white making a pleasing contrast to masses of reds and yellows.

	By Mail, Pkt.
186 Cardinalis Hybrids (Cardinal Flower). Rich fiery cardinal flowers; strong plants, often producing spikes 12 to 24 inches long, 1-32 oz. \$1.25	\$0 10
783 Compacta alba. White; trailing.....	10
784 Compacta. Finest mixed.....	10
785 Crystal Palace. Best dwarf blue.....	10

Nasturtiums

TALL VARIETIES

	By Mail, Postpaid			
	Pkt.	Oz.	¼ lb.	Lb.
900 Chameleon, Coquette. Fine, variously splashed and bordered.....	\$0 05	\$0 15	\$0 50	\$1 75
901 Coccineum. Scarlet.....	05	15	50	1 75
903 Dunnett's Orange (Sunlight). Clear, rich, golden yellow.....	05	15	50	1 75
904 Edouard Otto. Lilac-brown.....	05	15	50	1 75
907 Jupiter. Golden yellow; large-flowered. New.....	05	15	50	1 75
908 Pearl, Moonlight. Cream-white.....	05	15	50	1 75
909 Vesuvius. Salmon-rose; dark-leaved; fine.....	05	15	50	1 75
920 LOBBIANUM. Asa Gray. Creamy-yellow; fine.....	05	15	50	1 75
924 Firefly. Dark orange-yellow, bright scarlet spotted; dark-leaved.....	05	15	50	1 75
929 Queen of the Morning. Variegated-leaved; superb aurora-colored shades. New.....	10	25	50	1 75
930 Queen of the North. Variegated-leaved; sulphur yellow. New.....	10	25	50	1 75
932 Queen Wilhelmina. Variegated-leaved; rich, rosy, scarlet; magnificent color. New.....	10	25	50	1 75
923 Crown Prince of Prussia. Dark blood-red.....	05	15	50	1 75
925 Primrose Cream-white. Maroon-spotted; extra dark-leaved.....	05	15	50	1 75
921 Black Princess. New. Dark maroon.....	05	20	50	1 75
934 Spitfire. Fiery scarlet; fine.....	05	10	50	1 75
935 Finest Mixed. All colors.....	05	10	50	1 50



NASTURTIUMS—Continued

Tom Thumb, or Dwarf Varieties

		By Mail, Postpaid			
		Pkt.	Oz.	¼ lb.	Lb.
970	Aurora. Terra cotta; fine.....	\$0 05	\$0 25	\$0 75	\$2 25
971	Bronze Colored.....	05	25	75	2 25
972	Chameleon. Cream-white, bright scarlet, spotted with scarlet edge flowers; dark-leaved; extra fine.....	05	25	75	2 25
973	Golden Blotched. Golden yellow with scarlet blotch.....	05	25	75	2 25
974	Golden Midnight. Dark purple, greatly admired by the English.....	05	25	75	2 25
975	Golden Queen. Golden yellow.....	05	25	75	2 25
976	Golden Rose. Pink.....	05	25	75	2 25
QUEEN OF TOM THUMBS.					
997	Chameleon. Variegated leaves, developing bright yellow, later changing to a large number of different shades; a magnificent display of colors; very showy.....	05	25	75	2 25
1001	Sulphur Yellow. Variegated leaves.....	05	25	75	2 25
1000	Golden Yellow. Variegated leaves.....	05	25	75	2 25
966	Brilliant Crimson. White-veined variegated leaved; magnificent.....	05	25	75	2 25
995	Bright Rosy Scarlet. Variegated leaves. New.....	05	25	75	2 25
999	Deep Orange Scarlet. Variegated leaves; deep scarlet orange. New.....	05	25	75	2 25
1002	Tom Thumb. (All above varieties mixed).....	05	25	75	1 75
LOBBIANUM LILLIPUT HYBRIDS.					
944	Queen of Holland. A wonderful display of colors from light yellow to black purple and all blotched. New.....	10	25	75	2 25
940	Fairy King. Dark-leaved; white and dark rose, mottled and veined.....	05	25	75	2 75
941	Fairy Queen. Light yellow, turning to red brown, spotted with age; very effective.....	05	25	75	2 75
942	Lady Cherry. Dark leaved, dark wine-red; a most attractive tint.....	10	25	75	2 75
946	Snow Queen. Cream-white. New.....	10	25	75	2 75
947	Finest Mixed. All colors.....	05	25	75	1 75
LOBBIANUM IVY-LEAVED.					
962	Prinzessin Juliana. The magnificent, pretty, large, lacinated gold orange flowers with sharply marked velvet red brown spot are extremely effective upon the fine, marked foliage.....	10	25	75	2 75
960	Emma Alida. Dark ivy foliage; golden yellow and orange deep scarlet lacinated flower.....	10	25	75	2 75
961	Mourning Bride. Dark-leaved; velvety dark crimson. New.....	10	25	75	2 75
963	Finest Mixed. All colors.....	10	25	75	1 75
TOM THUMB SPENCER.					
1013	Dark-leaved. Lady Bird.....	05	25	75	2 75
1014	Riemke Groot. The bright scarlet flowers upon the dark green foliage give this plant a most attractive appearance.....	05	25	75	2 75
1015	Finest Mixed. All colors.....	05	25	75	1 75



Pansies

We are making a specialty of Pansies. Our collection is the richest in variety and quality ever offered in this country. If you want the finest Pansies that it is possible to obtain, make your selection from the following list of seeds:

Mixtures of Giant-Flowered Pansies

	By Mail, Pkt.
1050 HOLMES' TRIUMPH OF THE GIANTS. Robust, compact growing plants; heavy foliage surmounted by enormous flowers of perfect form and great substance, on strong tall stalks. Petals overlapped and undulating. Rich and rare colors.....	\$0 15
1065 Bugnot's Giant Spotted. Color radiates on margin of petals; blotched like Cassier.....	10
1051 HOLMES' MAMMOTH FIVE-BLOTCHED. Cassier type but flowers double size, magnificent colors.....	10
1054 Mme. Perret. Great American Giant, "Red, White and Blue".....	10
1055 Odier Five-Spotted Beauties. Extraordinary beauty and perfect form.....	10
1056 Goliath Orchid (Cattleya) Flowered. Very fine.....	10
1057 Giant Trimardeau. Flowers enormous size; great variety of color.....	10
1058 Trimardeau. Giant Spotted Parisian. Extra large.....	10
1059 Cassier and Trimardeau Mixture. Superb mixture of large flowers.....	10
1052 HOLMES' GIANT MASTERPIECE. Enormous flowers, 4 inches across, daintily ruffled edges, clearly distinct markings and, in fact, a flower of recent introduction that has won volumes of praise from lovers of this particular flower. It is a master indeed of its class.....	10

Giant-Flowered Sorts

1070 Auricula-flowered Prince Bismarck. Striped light blue, rosy lilac, marbled on white ground; (1071) King of Blacks. Violet blue. Each variety.....	10
1072 Giant Cassier, Hortensia Red. New beautiful color.....	10
1073 Giant Marmorata. Marbled on purple, red and crimson ground, beautiful tinted border.....	10
1074 Odier Five-Spotted Yellow, Five-Spotted White. Beautiful.....	10
1076 Psyche. Curled five-blotched, charming velvety violet on yellowish white ground.....	10
1077 Giant Vulcan. Brilliant dark red with five black blotches; grand effect.....	15
1087 Giant Trimardeau. Separate colors. Mixed.....	10
1105 Crimson King.....	10

Large-Flowered Sorts

1106 All colors mixed.....	10
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Petunias

		By Mail, Pkt.
1170 NEW FIMBRIATA PETUNIA, CANARY-BIRD. Plants average 14 inches high and are covered with beautifully fringed flowers of a distinct yellow, which deepens in the throat.....	1-64 oz.	\$0 15
1171 Holmes' Defiance. Large-flowering. Flowers 5 inches in diameter; all colors.....	1-64 oz.	\$1.25 15
1172 New Star. Perfect star in center of each flower.....	1-64 oz.	\$1.00 10
1173 HOLMES' FANCY FRINGED PETUNIAS. One of the best of all Petunias. All colors mixed.....	1-64 oz.	\$1.00 20
1174 Double Giant. Extra fine double.....	1000 seeds	\$1.75 20
1175 Hybrida, Finest Mixed.....		10



New "Orchid-Like" Sweet Peas

Spencer Types

Magnificent flowers, with superb and charming form, exquisitely colored, enormous in size and in their entirety of a type so noble and grand as to compel love and admiration for themselves from all who see them.

	By Mail, Postpaid			
	Pkt. \$0 10	Oz. \$0 35	½ lb. \$1 25	Lb. \$4 00
1406 Beatrice Spencer. White tinted with soft pink and buff on standard.....	10	35	1 25	4 00
1415 Blanche Ferry Spencer. Pink and white; two weeks earlier than others.....	10	35	1 25	4 00
1416 Countess Spencer. Bright clear pink, little deeper at edges.....	10	35	1 25	4 00
1407 George Herbert. Gigantic size; bright rose-carmine; veins deeper shade.....	10	35	1 25	4 00
1408 Helen Lewis. Standard intense crimson-orange, wings orange rose.....	10	35	1 25	4 00
1417 Mrs. Routzahn Spencer. Buff, flushed and suffused with delicate pink.....	10	35	1 25	4 00
1420 Othello Spencer. Maroon.....	10	35	1 25	4 00
1400 Primrose Spencer. Primrose, or creamy yellow, throughout standard and wings.....	10	35	1 25	4 00
1425 White Spencer. Pure white; beautifully poised, large, wavy wings.....	10	35	1 25	4 00
1430 Holmes' Superb Mixed. All varieties mixed.....	10	35	1 25	4 00

Waved Sweet Peas "Unwin" Types

1435 Frank Dolby. Light lavender.....	10	35	1 25	4 00
1440 Gladys Unwin. Lovely light pink.....	10	35	1 25	4 00
1450 Nora Unwin. Pure white, long stem.....	10	35	1 25	4 00
1445 Phyllis Unwin. Rose color.....	10	35	1 25	4 00
1455 Holmes' Mixture of Above.....	10	35	1 25	4 00

New Large Flowering Sweet Peas Grandiflora Types

All of the standard types, with large expanded or hooded standard.

1480 Agnes Eckford. Soft light pink.....	05	15	50	1 75
1510 America. Red stripes.....	05	15	50	1 75
1481 Blanche Ferry. Pink and white.....	05	15	50	1 75
1465 Coccinea. Bright rich cherry.....	05	15	50	1 75
1470 Countess of Cadogan. Light blue.....	05	15	50	1 75
1526 Dainty. White, pink edged.....	05	15	50	1 75
1527 Dorothy Eckford. Pure white flowers, extra large.....	05	15	50	1 75
1520 Duke of Westminster. Violet and purple.....	05	15	50	1 75
1511 George Gordon. Pink.....	05	15	50	1 75
1471 Helen Pierce. Bright blue, mottled on pure white.....	05	15	50	1 75
1500 Henry Eckford. Bright flaming orange.....	05	15	50	1 75
1505 Hon. Mrs. E. Kenyon. Primrose-yellow.....	05	15	50	1 75
1456 Janet Scott. Deep pink.....	05	15	50	1 75
1512 King Edward VII. Pure crimson and scarlet.....	05	15	50	1 75
1528 Lottie Eckford. Silvery white, shaded with soft lavender.....	05	15	50	1 75
1484 Lovely. Shell-pink, changing to very light rose at edges.....	05	15	50	1 75
1501 Miss Willmott. Orange.....	05	15	50	1 75
1472 Mrs. Walter Wright. Pinkish-cream tint, changing to mauve and then to reddish violet.....	05	15	50	1 75
1460 Navy Blue. Dark blue.....	05	15	50	1 75
1491 Othello. A deep maroon self-color.....	05	15	50	1 75
1529 Queen Alexandra. Silvery white, faintly suffused soft pink, edged purple.....	05	15	50	1 75
1513 Phoen Alexandra. Scarlet.....	05	15	50	1 75
1535 Holmes' Superfine Mixture. Contains forty different varieties, large flowering sorts Unwin and Orchid varieties. It has an individuality which makes it distinct.....	10	25	75	3 50

Earliest Varieties for Christmas Forcing

1540 Burpee's Earliest White.....	10	25	75	3 50
1542 Christmas Pink.....	10	25	75	3 50
1543 Earliest of All. Rosy pink, wings creamy white.....	10	25	75	3 50
1544 Mont Blanc. Pure paper white.....	10	25	75	3 50
1555 Early Flowering, or Christmas Mixed.....	10	25	75	3 50

General List of Flowers Grown From Seeds

Flower Seeds Delivered Free by Mail

Explanation of Signs Employed in this List

The asterisk (*) designates ornamental-leaved plants. This mark (†) prefixed indicates the climbers.

The fourth column gives the DURATION OF CHARACTER, and HARDINESS.

A represents Annual—lasting but one year.

B “ Biennial—lasting two years.

P “ Perennial—lasting three or more years.

E “ Evergreen—retains foliage the entire year.

S represents Shrubs—plants of bushy habit.

g “ greenhouse plants.

Bu “ Bulbous plants.

.. designates, in every case, repetition.

As a large number of Biennials and Perennials, if sown early, flower the first season from seed, this distinguishing mark (†) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle Atlantic States. Further north or south, these designations apply only in a comparative way.

h represents hardy—plants for open border. hh represents half-hardy—plants that require to be forwarded in pots or frames.

t represents tender—requiring protection.

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
1 <i>Abronia umbellata</i> (Sand Verbena).....	hA	rose	trail.	\$0 05	Bears clusters of fragrant flowers. Desirable for baskets, borders or rockeries. Elegant perennial shrub; drooping flowers.
5 <i>Abutilon</i>	gS	mixed	4	10	
10 <i>Achillea</i>	hP	white	1½	10	See Yarrow.
20 <i>Acroclinium</i> ½ oz. 35c	A	mixed	1	05	Everlasting flowers.
25 <i>Adumia</i> (Allegheny Vine).....	hB	pink	clim.	10	For covering trellises, tree stumps, etc.
30 <i>Adonis aestivalis</i> (Flos Adonis) . . . ½ oz. 35c	A	blue	1	05	Graceful, leathery leaves.
<i>Ageratum</i> (Floss Flower).					
32 Blue Star (New)..... 1-16 oz. \$1.00	A	blue	½	15	Literally a sheet of bloom from early summer till frost. Splendid for edgings and ribbon bedding.
33 Dwarf White multiflora.....		white		05	
36 Fine Mixed.....		mixed		05	
<i>Amaryllis formosissima</i>					
See Jacobean Lily.					
<i>Amethyst</i>					
See Browallia.					
<i>Amaranthus</i>					
61 Sunrise.....	A	carmine	2	05	Rapid grower. Striking foliage and curious flowers. Sunrise has bronzy crimson foliage, and is the most brilliant of the family. Fountain plant droops.
59 Love-Lies-Bleeding (<i>A. caudatus</i>).....		red	3	05	
60 Fountain Plant (<i>A. salicifolius</i>).....		red	2½	05	
63 Joseph's Coat (<i>A. tricolor</i>).....		var.	2½	05	
62 Fire-brand (<i>A. superbus</i>).....		red	2	05	
64 Mixed.....		mixed		05	
69 <i>Ampelopsis Veitchii</i> (Japanese Ivy).....	hP			05	
74 <i>Anchusa capensis</i>	hhP	purple	1½	05	Large branches of flowers all season. Charming double flowers. Few plants compare with this in beauty.
79 <i>Anemone</i> (Windflower) St. Brigid.....	hP	var.	2	10	
<i>Antirrhinum</i>					
See Snapdragon.					
<i>Aquilegia</i>					
See Columbine.					
<i>Arborvitae</i>					
125 <i>Aristolochia Siphon</i> (Dutchman's Pipe)....	hP	br. & y.	15-30	10	Rapid climber; heart-shaped leaves; flower resembles a pipe.
130 <i>Asclepias tuberosa</i>	hP	orange	2	10	Ornamental in Summer and Autumn.
136 <i>Asparagus Sprengeri</i> 100 seeds 20c	gP	white	trail.	05	Fine for baskets or conservatories.
135 <i>Plumosus nanus</i> 100 seeds \$1.25	gP	white	1	05	A dainty feathery Fern.
<i>Australian Straw Flower</i>					
<i>Helichrysum monstrosum</i>	hhA	rose	1	10	After cutting retains its rosy crimson shades; fragrant flowers.
<i>Bachelor's Button</i>					
See Centaurea.					
225 <i>Balloon Flower</i> (<i>Cardiospermum</i>).....	hP	bl. & wh.	10	05	Bell-shaped flowers; in constant bloom.
<i>Balsam</i> (Camellia-flowered) (Lady Slipper).					
214 Double-flowering, mixed.....	hhA	mixed	1½	10	Giant-flowering. Rose-like flowers. Brilliant colors. Fine for table decorations.
212 Scarlet.....		scarlet	1½	10	
213 Pure white.....		white	1½	10	
219 <i>Bartonia aurea</i>	hA	golden	1	10	Showiest of annuals.
233 <i>Begonia Vernon grandiflora</i>	gP	red	1	15	Deep red foliage.
242 Holmes' Rex.....		mixed	1	15	A charming plant.

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Continued

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
BEGONIA, Tuberos-Rooted.					
253		mixed	1½	\$0 25	Covered with bright flowers. Beautifully frilled, waxy petals. Extra choice.
252		mixed	1½	15	
Black-eyed Susan					
Blanket Flower (Gaillardia).					
628		sal.-red		05	Profusion, size and brilliancy render these very desirable. The salmon-reds have bright orange edge; sulphureas have dark maroon eye.
624		salmon-Red (Single)		05	
626		Lorenziana fl. pl. Mixed		05	
629		Perennis grandiflora, Mixed		05	
Sulphurea oculata					
Brachycome					
271	A	bl. & wh.	2	05	See Swan, River Daisy.
Browallia (Amethyst)					
1360	hhA	var.	1½	05	Covered with flowers. Summer or Winter.
Butterfly Flower (Schizanthus Wisetoniensis)					
Calendula					
Cacalia					
Caladium esculentum					
Calceolaria					
Calla Lily					
Calliopsis					
297	A	mixed	1½	05	Rich colored, fluffy, 3-in. flowers; fine for cutting. Charming anywhere.
295		yellow	1½	05	
296		yellow	1	05	
298	hP	yellow		05	
Lanceolata Coreopsis					
California Poppy (Eschscholtzia)					
604	hA	yellow	1	05	A compact, graceful, hardy annual with fine foliage and a mass of showy flowers.
605		Hunnemannia, Bush		05	
606		Golden West		10	
607		Mandarin		10	
608		Rose		05	
603		Finest Single Mixed		05	
Holmes' Mammoth White					
303	hP	c. & w.	trail.	10	Saucer-shaped flowers, rosy-crimson, white centers.
Callirhoe involucrata (Poppy Mallow)					
Campanula Medium					
Candytuft (Iberis)					
340	hA	white	1	05	Flowers from early Spring till frost. Good for cutting. Little Prince fine for borders.
343		white	1	05	
344		white	½	05	
Little Prince (New dwarf)					
360	gP	mixed	3½	05	Cannas Mixed
Canterbury Bells (Campanula Medium)					
311	hB	mixed	2	10	(Cup and Saucer; Calycanthema). Fine type.
308		blue		05	
Rich Blue					
365	hhA	w. & gr.	10	05	A pretty and graceful climber of spreading habit.
Cardiospermum halicacabum (Balloon Vine)					
374	A	w. sc. r. str.	1½	05	Beautiful flowers on long stems; extremely sweet.
373			1½	10	
371			1½	10	
370			1½	10	
372			1½	10	
Striped					
Carnations					
377	hP	mixed	1½	10	For greenhouse or conservatory.
378		mixed		10	
379		mixed		10	
Fancy Extra Choice Mixed					
Choice Double Mixed					
Fancy Picotee, Mixed					
Carpet of Snow					
Castor-Oil Plant (Ricinus)					
1321	A		12-14	05	Groups give magnificent appearance. Makes fine screen or hedge.
1323		var.	10	05	
1322			10	05	
Zanzibariensis					
Mixed					
Major, mixed					
Celosia cristata					
Centaurea imperialis					
396	hA	var.	2-3	05	Beautiful bouquet flower.
397		mixed		05	
395		white	1½	05	Long-stemmed blossoms, graceful and deliciously fragrant. Colors infinitely varied.
410	hP		1	05	
Cyanus, Mixed Single					
Double-Flowered, Mixed					
Pure White					
Gymnocarpa (Dusty Miller)					
Chinese Primrose (Primula)					
1298	thP	rose-lilac	½	20	Fine for Winter and Spring decorations. Valuable for cut flowers.
1270	hP	mixed		25	
1284	ftP	white		20	
Holmes' Prize Mixture					
Obconica, Mixed					
420	hP	var.	3	20	Double mixed. Glorious Autumn-blooming plants. Blooms all Summer. Finest ever introduced.
421	hP	w., g. cen.	1½	10	
422	hP	white	1½	10	
Marguerite (Painted Daisy)					
Shasta Daisy, "Alaska"					
490	thhP	s. & w.	1	15	For baskets, vases, gardens, etc.
Cigar Plant (Cuphea platycentra)					
Cinnamon Vine					
450	A	mixed	1½	05	Leafy racemes of double flowers.
Clarkia, Mixed					
Cleome					
See Spider Plant.					

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Continued

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
Cineraria					Splendid variety of colors. Immense flowers.
427 Holmes' Prize Strain.....				\$0 35	
433 Plenissima, Dwarf Double Mixed.....					Large-flowering. Exquisite sort. (Dusty Miller). Silver foliage.
1000 seeds \$2.50.....		mixed		05	
435 Maritima (candidissima).....	hhP	yellow		05	Plant is hidden beneath a blanket of white. Hawthorn-scented blooms.
455 Clematis paniculata (Japan Virgin Bower)...	hP	white	clim.	05	
Clematis					
Cosmos					
Coix lachryma					See Job's Tears.
Crotolaria					See Florida Rattlebox.
Cobaea (Cup and Saucer).....					Elegant, rapid growing climber.
463 White.....	tP	white	20-30	05	
464 Violet Blue.....		vio. bl.		05	
Cockscomb (<i>Celosia cristata</i>).....	hhA			05	Free-blooming, bright-colored annuals. Excellent border plants; attractive in pots.
387 Extra Fine Mixed.....		mixed	1	05	
386 Dwarf Mixed, Extra.....		mixed		05	
384 Glasgow Prize (Crimson Comb).....		crimson		05	
383 Dwarf Feathered, Mixed.....		rose	½	05	Flowers curled.
385 Thompsoni magnifica.....		yel. & r.	2	10	Graceful, feathery plumes.
469 Coleus , Large-Leaved.....	gP	bronze	2	15	Beautiful bronze or copper color. New combinations of markings.
470 Finest Mixed.....		mixed		10	
105 Columbine (<i>Aquilegia</i>) mixed.....	hP	var.	2	10	Bears countless exquisite blossoms.
Coneflower (<i>Rubeckia</i>).....	hP	yellow	3	05	Many branched, long-stemmed, attractive flowers.
1335 Superba.....		gol.-yel.	2	05	
1333 Laciniata, Golden Glow.....		yellow		05	
Convolvulus , Morning Glory.....	†	†	1		Profusion of various colored flowers; splendid for screens.
875 Rochester.....		blue		05	Flowers blue; white edge.
876 True Japanese.....		mixed		05	Exquisite colors; foliage variegated.
877 Fine Mixed.....		mixed		05	Rich colored trailing plants.
878 Tricolor, or Minus.....	hA	blue		05	
Cuphea platycentra					See Cigar Plant.
Cup and Saucer					See Cobaea.
Cup Flower (<i>Nierembergia</i>).....					Perpetually in bloom. White, tinted with lilac.
1035 Frutescens.....	hhP	white	1	05	
492 Cyclamen , Dark blood-red 100 seeds \$1.00	gBu	red	¾	30	Charming plants with beautiful foliage and rich-colored, fragrant flowers.
497 Giganteum, Mixed 100 seeds \$1.00.....		mixed		25	
495 Princess of Wales, Pink, 100 seeds \$1.00..		mixed		20	
502 Cyperus alternifolius	tP	apricot	2	10	Very desirable house plant.
Cypress Vine					See Ipomoea quamoclit.
260 Daisy (Holmes' Mammoth White).....	hP	white	1½	15	Valuable for cutting.
261 German Double Mixed.....		mixed		15	
Dahlias					Beautiful new varieties.
514 Dahlia , Superb Single Mixed.....	hhP	mixed	2½	10	
515 Double Large-flowering Mixed.....		mixed		10	
516 Choice Mixed Pompons.....		mixed		10	
Digitalis					See Foxglove.
Delphinium					See Larkspur.
737 Diamond Flower (<i>Ionopsidium acaule</i>)....	A	violet	¼	10	Excellent for rockery, etc.
Dianthus					See Pinks.
Dianthus barbatus					See Sweet William.
Echinocystis lobata (Wild Cucumber).....	hP	white	30	05	Dense foliage. White fragrant flowers.
Elephant's Ear					
Eschscholtzia					See California Poppy.
Dictamnus					See Gas Plant.
613 Euphorbia variegata (Snow-on-the-Mountain).....	A	var.	2	05	Ornamental foliage; veined and margined white.
Evening Glory					See Ipomoea.
False Dragon Head (<i>Physostegia</i>).....					Spikes of white, pink, purple and red tubular flower.
1210 Denticulata.....	P	var.	3-4	10	
673 Feather Grass (<i>Stipa pennata</i>).....	hP	purple	2	05	Magnificent ornamental grass.
823 Feverfew (<i>Matricaria</i>).....	hA	white	2	05	Very free-flowering. Double.
1563 Flame Flower (<i>Tritoma</i> hybrids).....	hhP	r. & yel.	3	10	(Red-Hot Poker, or Torch Lily). Early and continuous flowering.
Flos Adonis					See Adonis aestivalis.

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Continued

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
Floss Flower.....					See Ageratum.
Flowering Flag.....					See Iris.
487 Florida Rattlebox (Crotolaria).....					Sweet-Pea-like flowers. Profuse bloomer. Pods rattle.
Retusa.....	A	gol.-ycl.		\$0 10	
Four O'clock (Marvel of Peru).....	A	w. y. cr var.	2	05	Bushy; blooms all Summer. Gold-striped foliage.
864 Variegated.....				05	
Foxglove (Digitalis).....					} Racemes often 2 feet long. Mixed border or group.
588 Montrosa, Mixed.....	hP	mixed	4	10	
618 Fuchsia (Lady's Eardrop). Mixed.....	gS	mixed	2	30	For house or shady situations.
Forget-Me-Not (Myosotis).....					} Very beautiful little plant with star-like flowers.
887 Palustris.....	hP	blue	6	10	
885 Alpestris alba.....		white	6	10	
Gaillardia.....					See Blanket Flower.
Gas Plant (Dictamnus).....					} Showy border plant Fragrant foliage. Spikes of curious flowers.
582 Rosa.....	hP	pink	2	05	
583 Alba.....		white		05	
Gладиол.....					
Globe Amaranth.....					See Bachelor's Button.
Gloxinias.....					
637 Gloxinia, Holmes' Tiger-Spotted; Stained, Extra Fine Mixed.....	tgP	mixed		35	} Gorgeous flowers. Foliage rich, velvety
Godetia (Satin Flower).....					
643 Bijou.....	A	blush	1-2	05	} Constant bloomers and very attractive. Flowers 3-4 inches across.
644 Gloriosa.....		blood-red		05	
645 Finest Mixed, Dwarf.....		mixed		05	
1375 Goldenrod (Solidago Canadensis).....	P	gol.-ycl.	3	05	The National flower.
Comphrena.....					See Bachelor's Button.
Geranium (Pelargonium).....					} Extra fine. If sown early will bloom first season.
632 Zonal, Mixed.....	gP	mixed	1½	10	
633 Lady Washington Mixed.....				10	
659 Gourds, Mixed Ornamental.....	tA	mixed	10-30	05	} Summer climbers of luxuriant growth bearing ornamental gourds.
655 Sugar Trough (Sap Bucket).....	tA	yellow		05	
656 White Egg (Nest Egg).....	tA			05	
657 Dish Cloth (Luffa, or Bonnet Gourd).....	tA	yellow		05	
658 Mock Orange.....	tA	yellow		05	
Helianthus.....					See Sunflower.
692 Helenium Bigelowii.....	hP	yellow	5-6	10	Charming Daisy-like flowers.
Helichrysum.....					See Strawflower.
702 Helitrope, Holmes' Mammoth Blue.....	gP	blue	2	10	} Blossom heads often measure a foot across. Delicious perfume.
703 Choice Mixed.....		mixed		10	
Hesperis.....					See Sweet Rocket.
Hibiscus.....					See Mallow.
Hollyhock.....					} Majestic hardy plants anywhere. Finest and most exquisite shades.
720 Chater's Superb Double.....	hP	mixed	4	10	
721 Allegheny.....				10	
791 Honesty (Lunaria).....	thB	purple	2	05	} Pretty plant. Curious seed-pouches; house ornaments.
Biennis (Satin Flower).....				05	
Horn of Plenty.....					See Datura.
Honeysuckle.....					
Humble Plant.....					See Sensitive Plant.
726 Humulus Japonicus variegatus (Japanese Hop).....	tA	green	20-30	05	Summer climber.
Hyacinthus candicans.....					See Summer Hyacinth.
Ice Plant (Mesembryanthemum).....					} Small flowers. Almost transparent. Leaves that feel cold as ice.
847 Crystallinum.....	tA	white	½	05	
848 Tricolor (Wax Plant) Mixed.....		mixed		05	
Ionopsidium acaule.....					See Diamond Flower.
Ipomoea quamoclit (Cypress Vine).....					} Dark green, feathery foliage; scarlet or white blossoms; climber
507 White.....	tA	white	20	05	
508 Scarlet.....		scarlet		05	
509 Mixed.....		mixed		05	
Ipomoea (Evening Glory).....					} Blooms best at night; sweet scented flowers; climber. The original Moon Flower.
742 Noctiflora.....	tA	climb white		05	
744 Mexicana grandiflora alba.....		white	15	05	
743 Surperba.....		blue		10	
Kochia tricophylla.....					See Cypress.
Lobelia.....					
Iris (Flowering Flag).....					} Showiest of the "Flags." Blooms the second year. Seed from most exquisite flowers.
750 Kaempferi (Japanese Iris).....	hP	mixed	2	10	
751 Newest Japanese Varieties.....					
Finest Mixture.....	hhP		2	10	
Jacobeian Lily.....					
1370 Jerusalem Cherry (Solanum capsicastrum).....	tP	yellow	1	05	Pretty pot plant for Winter. Scarlet berries.
668 Job's Tears (Coix lachryma).....	A		2-3	05	Favorite ornamental grass. Seeds hard, with shining, pearly appearance.

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Continued

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
802 Jerusalem Cross (<i>Lychnis Chalcedonica</i>)...	hP	scarlet	2	\$0 05	Very ornamental; effective for massing. See <i>Linaria</i> . See <i>Pueraria</i> . See <i>Fuchsia</i> .
Kenilworth Ivy.....					
Kudzu Vine.....					
Lady's Eardrop.....					
761 Lantana, Holmes' Mixed Hybrids.....	hhP	var.	2	05	Verbena-like heads. Constant bloomer.
528 Larkspur (<i>Delphinium</i>). Perennial.....					Spikes 6-10 inches long. Most brilliant shades.
Formosum, Mixed.....	P	var. mixed	3-4	05	
531 Fine Mixed.....			3	05	
Larkspur (<i>Delphinium</i>). Annual.....					Vast improvement in size and color. Mass of bright blooms from June till frost.
536 Emperor, Double Mixed.....	A	mixed			
537 Tall Rocket (<i>Hyacinth-Flowered</i>). Double Mixed.....	A	mixed	2	05	
773 Lavatera.....	hA	red	2	05	Rich display, large flowers. July to September.
Trimestris, Mixed.....					
445 Lemon Verbena (<i>Citriodora</i>).....	tP			10	Pale green, lemon-scented foliage.
778 <i>Linaria cymbalaria</i> (<i>Kenilworth Ivy</i>).....	hP	violet	3-6	05	Valuable trailing plant; violet flowers.
1040 Love-in-a-Mist (<i>Nigella</i>).....					Pretty flowers, delicate foliage. Called Devil-in-a-bush.
Damascena, Double Mixed.....	hA	blue	1	05	
Lunaria.....					See <i>Honesty</i> .
Madagascar Periwinkle (<i>Vinca</i>).....					Continual and profuse bloomer.
1589 Fine, Mixed.....	tP	mixed	1½	10	
Mallow (<i>Hibiscus</i>).....					Blooms first year from seeds. Golden bowl has large, cupshaped flowers from 6 to 9 inches.
713 Golden Bowl.....	hP	cream rose	2-3	10	
714 Moscheutos roseus.....		pink		05	
715 Palustris.....				05	
Marigold, Large African.....	hA	yl. br. or. lemon mixed yellow	1½	05	African and French Marigolds are favorite free-flowering annuals. Large flowers. For beds, mixed borders or pot in full sun.
807 Lemon Queen.....			3	05	
809 Double Mixed.....				05	
808 Eldorado.....				05	
Marigold, Dwarf French.....		yl. br. str.	1½	05	
814 Legion of honor.....			1	05	
815 Striped Tall, Single.....		yl. br. striped		05	
816 Brown, Marbled, Small.....		red-br. mixed		05	
817 Tall, Double Mixed.....		dk. br. str.		05	
818 Dwarf Striped.....				05	
Marigold, Pot. Calengula.....					Calendula. Blooming generously from Spring till frost.
290 Fine Double Mixed.....	hA	mixed		05	
289 Striped Meteor, Double striped.....		striped		05	
288 Prince of Orange, Double.....		orange		05	
Matricaria.....					See <i>Feverfew</i> .
830 Maurandya, Fine Mixed.....	gP	mixed rose purple	10	05	Graceful climber, loaded with Foxglove-shaped blossoms.
828 Large-flowering Rose (New).....				05	
829 Dark Purple.....				05	
Mignonette.....					Rich; very fragrant. Rich; fragrant. Long spikes. Very fragrant. (Sweet Mignonette.) Tall. Mixed. Largest. Improved Machet. Large; double. See Ice Plant. See Sensitive Plant.
835 Holmes' Sweet-scented Golden Queen.....	hA	gol.-yel. deep red		05	
836 Holmes' Dwarf Machet.....				05	
837 Allen's Defiance.....			1½	05	
838 <i>Odorata grandiflora</i>				05	
839 Gigantea.....		mixed		05	
840 Bismarck.....				05	
841 Giant Pyramidal.....		br.-red	1½	05	
842 Goliath.....		red		10	
Mesembryanthemum.....					See Ice Plant.
Mimosa.....					See Sensitive Plant.
Mimulus.....					Markings extremely rich. Monkey Flower resembles mask or face.
858 Musk Plant (<i>Moschatus</i>).....	tA	mixed.....	1½	05	
859 Monkey Flower (<i>Tigrinus</i>).....	hA	spotted	1	05	
860 <i>Momordica Balsamina</i> (<i>Balsam Apple</i>).....	hhA	yellow	10	05	Makes dense shade. Ornamental fruit.
879 <i>Charantia</i> (<i>Balsam Pear</i>).....	hhA	yellow	clim	05	
Mourning Bride (<i>Scabiosa</i>).....					Great profusion of double flowers, all shades and colors.
1356 Dwarf Double Mixed.....	hhA	var. blk.-pur.	2	05	
1355 New Double Black.....				05	
Morning Glory.....					See <i>Convolvulus</i> .
Moschatus.....					See <i>Mimulus</i> .
Myosotis.....					See <i>Forget-me-not</i> .
1365 <i>Myrsiphyllum asparagoides</i> (<i>Smilax</i>).....	gP	white	10	05	Tender perennial for house and table decoration.
Nasturtiums.....					
1030 <i>Nicotiana Affinis</i>	hA	car.-red	2	05	Handsome flowers; sweet-scented. See <i>Ornamental Tobacco</i> . See <i>Cup Flower</i> . See <i>Love-in-a-Mist</i> . Blue, wax-like flowers, 2 to 3 inches across; climber.
<i>Nicotiana</i>					
<i>Nierembergia</i>					
<i>Nigella</i>					
1164 <i>Passiflora coerulea</i> (<i>Passion Flower</i>).....	hhP	blue	8-10	05	

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Continued

NUMBER AND NAME		Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
Passion Flower.....						See Passiflora coerulea.
Pansies.....						
Pelargonium.....						See Geranium.
Petunias.....						
Phlox Drummondii (Flame Flower).....						
1185	Holmes' Large-flowering Mixed.....	A	mixed		\$0 10	
1192	Splendid Mixed.....		mixed	1	05	
1186	Starred and Fringed.....				10	
1187	Scarlet (Meteor).....			1	05	
1188	Alba.....		white		05	
1189	Apricot Color.....		apricot		05	
1190	Shell Pink.....		sh. pk.		05	
1191	Dwarf Compact.....		mixed	6-8	05	
1200	Hardy Perennial, Mixed.....	hP	mixed	3	05	
Platycodon.....						See Balloon Flower.
281	Pocket Flower (Calceolaria), Mixed.....	gP	y. mar. cr.	1½	25	Odd-shaped flower all Summer.
Physostegia.....						See False Dragon Head.
Poppy Mallow.....						See Callirhoe.
Primula.....						See Chinese Primrose.
Privet.....						
Pyrethrum grandiflorum.....			var.	3	15	Handsome herbaceous plants. All variations of color. Of great value all Summer.
Pinks (Dianthus).....						
550	Chinensis.....	hB	w. to cr.	1	05	
551	Dwarf Snowball.....		white		05	
552	Dwarf Fireball.....		blood-red		10	Make elegant bouquets. Fireball has globe-shaped flowers.
Pinks, Single.....						
557	Salmon Queen.....	hB	salmon		05	
558	Star Pink (Stellaria).....				05	
559	Eastern Queen (Japonicus).....		marbled		05	
560	Dainty (New).....				05	
561	Pheasant's Eye (Plumarius).....		white		05	
562	Scoticus (Florist's Pink).....		white		10	
563	Laciniatus, Single, Finest Mixed.....				05	
564	Large White.....		white		05	Our varied selection contains the most beautiful of this popular and much-loved flower, unsurpassed for color and fragrance. Japonicus is prettily marbled and the Large White resembles a Carnation.
Poppies, Single.....						
1225	Brilliant.....	A	red		05	
1228	Maid of the Mist.....	A	white	3½	05	New, Peony-flowered.
1227	Dwarf Shirley.....		var.	9	05	Peony-flowered. Very fine; richest colorings.
1229	Japanese Dwarf Mixed.....		mixed		05	
1230	Tulip-Flowered.....	A			05	Tulip shaped.
1226	Danebrog.....	A	scarlet		05	White spot on base of petals.
Poppies, Double.....						
1241	Golden Gate.....		var.		05	Every conceivable coloring.
1242	Improved Carnation, Mixed.....	A	mixed	1	05	Very effective blooms.
1243	Peony-Flowered, Mixed.....		mixed	1	05	Dainty and attractive.
1240	Hybrid Cardinal.....		scarlet		05	Enormous flowers.
1252	Iceland.....		yellow	1	10	All colors; fragrant.
Poppies, Hardy Perennial.....						
1251	Bracteatum.....	hP	red	3	05	A greatly admired variety.
1253	Hybrid Mixed.....		mixed		10	Finest shades. Unrivaled. Flowers often 6 in. across; brilliant colors.
1250	Poppy, Giant Hardy Oriental, Mixed.....		var.		05	Unsurpassed for brilliancy among trailing plants.
1263	Portulaca, Finest Single Mixed.....	A	mixed	6	05	The fastest growing hardy climbing plant; foliage large; rosy-purple, pea-shaped blossoms.
1264	Double Rose-Flowered Mixed.....	A	mixed	6	05	
1310	Pueraria Thunbergiana (Japanese Kudzu Vine).....	hP	purple	50	05	See Calla Lily.
Richardia maculata.....						See Castor Oil Plant.
Ricinus.....						See Rosemary.
Rosemarinus.....						
Roses, Climbing.....						
Roses, Hardy.....						
1328	Rosemary (Rosemarinus officinalis).....		blue		05	Fragrant herb.
Rudbeckia.....						See Coneflower.
Salpiglossis.....						See Velvet Flower.
Salvia.....						See Scarlet Sage.
Sand Verbena.....						See Abronia umbellata.
Scabiosa.....						See Mourning Bride.
Schizanthus.....						See Butterfly Flower.
Scarlet Sage (Salvia).....					10	
1348	Fire Ball (New).....	hhP	red	2	15	Very fine; dwarf.
1347	Bonfire (Clara Bedman).....		scarlet	2½	10	Compact bush.
1349	Splendens (Scarlet Sage).....		scarlet	3	05	Well-known, rich-flowered bedder.
1350	Zurich (New). Very dwarf.....		cr.-scar.	1-1¼	15	Magnificent display of flowers.
853	Sensitive, or Humble Plant (Mimosa).....					Curious plant with purplish white flowers; leaves close or droop when touched.
	Pudica.....	A	pur. w.	1½	05	See Myrsiphyllum.
Smilax.....						

GENERAL LIST OF FLOWERS GROWN FROM SEEDS—Concluded

NUMBER AND NAME	Hardiness and Duration	Color of the Flower	Height in Feet	Price per Packet	BRIEF DESCRIPTION
99 Snadragon (Antirrhinum).....	P	mixed	12	\$0 05	Blooms from seed first season. One of the showiest border plants.
89 Tom Thumb, Mixed, Dwarf.....			1½	05	
97 Majus		white	1	05	
Solanum					See Jerusalem Cherry.
Solidago					See Goldenrod.
1380 Stokesia cyanea	hP	blue	18-24	10	Hardy. Valuable for cutting.
697 Straw Flower (Helichrysum).....	A	w. y. cr.	2-3	05	Showy; flowers large and double.
Dwarf, Double, Mixed.....					
1385 Stocks, Ten Weeks, Princess Alice	hhA	white	1-1½	10	(Cut-and-Come-Again.)
1386 Holmes' New Largest Flowering Globe		mixed		10	
1387 Pyramidal, Mixed		mixed		10	
Sunflower (Helianthus).....					Effective among shrubbery. Small Daisy-like flowers. Branch at each leaf, each branch yields double flower. Foliage Silvery. Small flowers.
683 Cucumerifolius, Dwarf.....	hA	yellow	3	05	
684 Multiflora, Double.....			4	05	
685 "The Dahlia," Double.....		gol.-yel.	7	05	
686 Silver-Leaved.....		y. & blk.	4	05	
687 Miniature.....		orange	3	05	
266 Swan River Daisy (Brachycome).....	A	bl.-wh.	1	05	Compact and beautiful.
Sweet William (Dianthus barbatus).....	hB		1½		Fragrant masses of rich flowers. Superb strains. Very striking.
559 Holmes' Giant Double Mixed				05	
576 Brilliant Red		red		05	
571 Pure White		white		05	
572 Perfection, Single Mixed		mixed		05	
53 Sweet Alyssum, Carpet of Snow (Procumbens).....		white	3	05	Honey like perfume. A carpet of snow all season.
54 Sweet Maritimum	hA	white	½	05	
52 Little Gem		white	6	05	
51 Basket of Gold	hP	yellow	1	05	
708 Sweet Rocket (Hesperis), Mixed.....	hP	w. lil.-p.	2-3	05	Also known as Dame's Rocket and Dame's Violet. Spikes of fragrant flowers.
Sweet Peas					
276 Tassel Flower (Cacalia).....	A	scarlet	1½	05	Pretty plant for cutting.
Tigrinus					See Monkey Flower.
731 Touch-Me-Not, or Zanzibar Balsam (Impatiens Sultan).....	A	scarlet	1	15	Beautiful waxy rosy scarlet.
1560 Thunbergia (Black-Eyed Susan).....	hhA	mixed	5	05	Beautiful tender climber; white, pale yellow or orange-colored flowers.
1340 Velvet Flower (Salpiglossis).....	hhA	var.	1½	05	Beautiful flowers, almost like Orchids. Emperor is netted and veined with golden yellow.
1342 Emperor		mixed		05	
1341 Fine Mixed Hybrids				10	
1565 Verbena, Extra Choice Mixed	hA	mixed	1½-2	05	Very fine. Selected flowers. Glowing color. A choice strain. White eye. One of the most beautiful. Handsome flowers.
1566 Holmes' Mammoth				10	
1567 Scarlet Defiance		scarlet		05	
1568 Pure White		white		05	
1569 Blue		blue		05	
1570 Blood-Red, White Center		red		10	
1571 Auricula-flowered		mixed	½	15	
1581 Veronica spicata	hP	blue	18	10	Elegant border plant.
Vinca					See Madagascar Periwinkle.
1605 Wallflower					Massive spikes of sweet-scented flowers.
1606 Fine German, Double Mixed	tP	var.	1½	20	
Single Mixed		var.		05	
Wild Cucumber					Echinocystis.
Windflower					See Anemone.
Wistaria, Chinese					
10 Yarrow (Achillae ptarmica, The Pearl).....	hP	white	2	10	Covered with pure white double flowers from Spring till frost. Brilliant display all Summer. Immense double flowers; striking colors. Double.
Youth and Old Age (Zinnia).....					
1626 Giant Mammoth		var.		05	Fiery scarlet flowers. All colors, mixed. Double mixed.
1634 Dwarf Snowball		white		05	
1635 Dwarf Fireball		scarlet		05	
1636 Pompon		mixed		05	
1637 Elgans		mixed		05	
Zinnia					See Youth and Old Age.

Landscape Department

On the following pages are listed and described the best evergreens, shade trees, shrubs, perennials, and roses for the home-grounds. It is our aim to help you arrange your plantings of trees and shrubbery about the house in a manner that will be the most suitable and desirable for you under all conditions. We shall be glad to make any suggestions as to the fitness of the various plants for hedges, screens, lawn plantings, or for small groups in front of porches. We will gladly make an appointment to visit your property in order to consult with you as to your particular needs, after which a plan will be made and submitted for your approval. There is no charge for this service. If you live too far away, send us a sketch of your house and grounds, and we shall be glad to work out a plan for a neat, attractive planting about your house.

Our evergreens are systematically root-pruned, and owing to the fine quality of the garden loam in which they are grown, they hold a large ball of earth when moved. Beware of evergreens that do not come with a good ball of earth. They may live, but are not nearly so satisfactory as those that are moved with most of the roots undisturbed, in a large solid ball of rich earth. This is a big factor in the successful transplanting of a tree, and one that is often overlooked. The success of an evergreen depends on its roots.

Choice Coniferous Evergreens

The Coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a short but select list of the hardiest and easiest grown varieties:

Norway Spruce

PICEA EXCELSA. (L.) This familiar Spruce is more generally used than any of the others. It is a rapid grower, does well in most soils, and withstands the bleak, cold winds of winter. If left untrimmed they spread out magnificently and make desirable specimens. They make splendid windbreaks and shelter belts. If planted as hedges and sheared they become impenetrable, and as good for this purpose as any evergreen. One of the most inexpensive evergreens.

Very symmetrical, well-branched trees.

	Each
1 1/2 to 18 inches	\$1 50
1 1/2 to 2 feet	1 75
2 to 3 feet	2 25
3 to 4 feet	3 00
4 to 5 feet	4 50

Oriental Spruce

P. orientalis. A much more compact form than the Norway Spruce; leaves are shorter and more lustrous. A handsome specimen tree of oriental appearance.

1 1/2 feet	\$2 50
2 feet	4 00
2 1/2 feet	4 50

Picea—The Spruce

Picea Alcockiana. Handsome, rapid-growing, rare species from Japan. Slender, spreading branches; leaves dark green above, bright blue beneath. A very desirable variety for home-grounds planting.

1 1/2 to 2 feet	\$3 00
2 to 2 1/2 feet	3 50
5 to 6 feet	7 50

Spruce, Colorado Blue. (P. pungens glauca.)

Foliage blue and sage-green. As a specimen tree on the lawn or planted in groups, in front of darker-colored evergreens, the Blue Spruce is at its best. Tree usually has a symmetrical shaped, narrow-pointed or rounding top; is hardy and quick-growing.

	Each
3 to 4 feet	\$ 6 00
4 to 5 feet	8 00
5 to 6 feet	10 00
6 to 7 feet, specimens	15 00
7 to 8 feet, specimens	18 00

Spruce, Koster's Blue. (P. pungens glauca Kosteriana.)

Foliage intense silvery blue and very dense on branch ends; rapid grower and has regular, slim branches. Our trees are grafted from the finest specimens and have the rich blue color that makes the Koster's Spruce so handsome. See illustration.

The Handsomest lawn tree

	Each
1 1/2 feet	\$ 5 00
3 feet	7 00
4 feet	11 00
5 feet	14 00
6 feet	18 00

Tiger-Tail Spruce

P. polita. Tiger-tail Spruce. Foliage light green, rigid, and spiny, spreading on all sides of branches.

	Each
1 1/2 feet	\$3 00
2 feet	3 75
2 1/2 feet	5 00



Specimen Plants arranged on Lawn

Picea excelsa inversa. A remarkable form of Norway Spruce which weeps and droops in a most pleasing manner.

	Each
2 to 2 1/2 feet	\$4 25
2 1/2 to 3 feet	5 25
3 to 4 feet	6 00

Austrian Pine. Var. Austriaca. (L.) A tall, massive tree with spreading branches, heavily plumed with long, stiff, dark-green needles. A useful species along the coast, and grows equally well inland. Popular for groupings or as specimens.

	Each	Per 10
2 to 3 feet	\$3 00	\$25 00
3 to 4 feet	4 00	37 50
4 to 5 feet	5 00	42 50

Juniperus. Juniper

Juniperus. (Douglas Dwarf Golden Juniper.) A low tree of spreading habit. Foliage is yellowish in summer, turning to brown in winter. An excellent evergreen for mass planting.

	Each
1½ to 2 feet spread.....	\$3 50
2 to 3 feet spread.....	4 50

J. Communis Hibernica. (Irish Juniper.) A handsome tree of compact conical form. The branches grow erect and are densely covered with deep green leaves. Excellent for formal plantings on either the lawn, landscape or in cemeteries.

	Each
1½ to 2 feet.....	\$3 00
2½ to 3 feet.....	3 50
3 to 4 feet.....	4 50

Taxus. Yews

T. cuspidata. Leaves dark green above, pale green beneath; fruit very attractive.

	Each
12 to 18 in.....	\$3 25
1½ to 2 feet.....	4 50
2 to 2½ feet.....	5 50

A. Nordmanniana

A. Nordmanniana. (Nordmann's Silver Fir.) Grows to medium size, possessing a symmetrical form. Branches are horizontal and the foliage is sea-green.

	Each
1½ to 2 feet.....	\$3 75
2 to 2½ feet.....	4 50
2½ to 3 feet.....	5 50



Picea Pungen (Colo. Blue Spruce)



Picea Canadensis (Black Hill Spruce)

Around our homes we want the trees we like best. Sometimes these are not the most suitable—so we have to take a second choice and plant trees that will thrive. Then, we ought to consider the size of the house; if it is tall, use Maples, Elms, Oaks. If it is a small cottage, try some of the smaller trees, like the Box Elder, the Silver Maple, or the Dogwood.

White Fir

White Fir. *Abies Concolor.* (L.) One of the most satisfactory evergreens for planting in New England and other sections where the severe winters are too cold for many varieties. Being of a glaucous green color makes it very attractive. A valuable tree that generally develops into a beautiful specimen.

Fine, well-formed stock.

	Each
1½ to 2 feet.....	\$4 25
2 to 2½ feet.....	5 25
2½ to 3 feet.....	6 50

Abies—The Fir

Abies brachyphylla. A large-growing variety of Japanese origin; beautiful light green foliage.

	Each
1½ to 2 feet.....	\$3 75
2 to 2½ feet.....	4 25
2½ to 3 feet.....	5 00

Buxus—The Boxwood

Very desirable slow-growing evergreens that are very attractive at all seasons on account of the glossy, green leaves which are thickly set on the branches. They are perfectly hardy, can be used as small edgings or hedges and borders, or can be allowed to grow naturally. They stand trimming well and can be trained to any desirable shape. They develop a fine root-system which enables them to be moved and readily transplanted.

	Each		Each
10 to 12 inches.....	\$2 50	20 to 24 inches.....	4 75
12 to 15 inches.....	3 00	24 to 27 inches.....	5 75
15 to 18 inches.....	3 25	27 to 30 inches.....	7 00
18 to 20 inches.....	3 75		

The Retinisporas

This class of evergreen trees is frequently, and properly, used at the foundations of residences and other buildings. Many times they are planted at the base of a terrace or at the foot of a slope of ground. A group of Retinisporas at the border of a lawn, or at the edge of taller evergreens like the pines, spruces, or cedars, makes an effect not obtained by any other combination of trees. Retinisporas are "family" trees, for close planting seems to suit them best; they do not like to be alone, nor do they thrive in places exposed to strong and cold winds. In summer the foliage of all the varieties is rather light in color, but after cold weather comes it turns to a deep rich shade that is in marked contrast to that of other evergreens. The color contrast is particularly marked when the Retinisporas are arranged among large groups of evergreens or with rhododendrons and laurels. In all cases the Retinisporas are of great value. We send our specimens carefully packed, balled, and burlaped, so that they are sure to reach you safely and in a condition to begin growing at once.

PARCEL POST. We do not ship Retinisporas by parcel post.

	Each
Retinispora, Japanese. (<i>Retinispora obtusa</i>)	
1 to 1½ feet.....	\$3 50
1½ to 2 feet.....	4 25
2½ to 3 feet.....	5 00
Retinispora. (<i>R. obtusa magnifica</i>)	
3 to 4 feet.....	4 00
Retinispora, Dwarf Golden. (<i>R. obtusa nana aurea</i> .)	
1 to 1½ feet.....	3 75
1½ to 1½ feet.....	4 25
Retinispora, Japanese. (<i>R. filifera</i> .)	
1½ to 2 feet.....	4 50
2 to 3 feet.....	5 50
Retinispora, Japanese Golden Pea-fruited. (<i>R. pisifera aurea</i> .)	
1½ to 2 feet.....	3 25
2 to 2½ feet.....	4 00
2½ to 3 feet.....	5 00
3 to 4 feet.....	6 00
Retinispora, Japanese Plume-like. (<i>R. plumosa</i> .)	
1½ to 2 feet.....	3 75
2 to 2½ feet.....	4 75
2½ to 3 feet.....	5 50
3 to 4 feet.....	7 00
Retinispora, Japanese Golden Plume-like. (<i>R. plumosa aurea</i> .)	
3 to 4 feet.....	4 50
Retinispora, Veitch's Japanese. (<i>R. squarrosa Veitchii</i> .)	
1½ to 2 feet.....	3 50
2 to 2½ feet.....	4 25
2½ to 3 feet.....	5 25

California Privet

This is the universal hedge in the East, a fact proving that Privet has greater merit under ordinary conditions for this purpose than any other plant. For live fences at village, town, and country homes it is the very best of all materials. On public grounds of all kinds, in parks and cemeteries, along roads and paths, on factory grounds, and on newly subdivided areas near towns, nothing else can be used in its place, and in this place it is indispensable. California Privet is known as *Ligustrum Ovalifolium* by botanists. It comes from Japan and China, and is able to stand a temperature of zero without any damage. Ten or fifteen degrees below zero do not damage it much, but twenty or thirty below will kill the wood to the ground. This is not so serious as it might be, because the roots throw up a strong growth by the next August.

Privet produces wood faster than any other shrub or tree. When you want a hedge that is thick right down to the ground, you must set the plants close together, anywhere from 6 to 18 inches apart. It is sometimes best to set in a double row, the plants "staggered," a foot apart in each line. Some people use even a triple row. The lines should be about 8 inches apart. This is the way to make the finest hedges, especially when you want them a couple of feet wide and over 3 feet high. A single row of plants will make a beautiful hedge, but it will not be so thick at the bottom, and will require careful trimming to make it as nice. When possible plow or dig a trench 2 feet wide and 1 foot deep. Don't throw the dirt out; just mix it thoroughly. A horse and harrow or cultivator are the best tools. When you have a fine bed of soil, plow a trench in the middle, and set the plants in dry soil. The roots should be "puddled" as soon as you unpack them, and if you do not plant at once, they should be coated with mud again just before you plant. Water, if you can, after planting. A good heavy rain will do this for you. Mulch 6 inches deep with cut-grass or buckwheat hulls right after planting and watering. You can water twice a week and fertilize half a dozen times a season with good results.

	100	1,000		100	1,000
1 to 1½ feet.....	\$6 00	\$40 00	2½ to 3 feet.....	\$8 00	\$70 00
1½ to 2 feet.....	6 00	50 00	3 to 4 feet.....	10 00	85 00
2 to 2½ feet.....	7 00	60 00			

Note— 25 at the 100 rate.
250 at the 1,000 rate.

Thunberg's Barberry (*Berberis Thunbergii*)

If you want a hedge that will give your grounds a really natural effect, plant Thunberg's Barberry. If allowed to grow without pruning or training in any way, it will form a compact mass so dense that even a cat can't get through it.

For a low hedge Thunberg's Barberry stands at the head of the list. The leaves are small, light green, and toward fall turn to various colors which produce a very pleasing aspect. In fall this handsome plant bears a profusion of bright red berries which remain through the winter. This Barberry is without doubt one of the best hedge

Beautiful
the year
round

American Arborvitae

In the general department of Evergreens we have referred to the American Arborvitae and its value in ornamental plantings. Here we bring it to your attention as one of the very best evergreens for hedges. It grows rapidly during the first three or four years, but after that develops slowly, and in twenty or thirty years will reach no more than 30 feet in height. It is a handsome little tree and grows without any trimming in a slim, even cone. But it can be pruned to any form and responds readily to training. In summer the hedge is bright green above and yellowish beneath; in winter the foliage changes to bronze.

Arborvitae, Ellwanger's Siberian. (<i>T. occidentalis Ellwangeriana</i> .)	Each
1 to 1½ feet.....	\$3 00
1½ to 2 feet.....	3 75
Arborvitae, Globular. (<i>T. globosa</i> .)	
1 to 1½ feet.....	3 25
1½ to 1½ feet.....	3 50
1½ to 2 feet.....	4 00
Arborvitae, Hovey's Globular.	
1½ to 1½ feet.....	3 00
1½ to 2 feet.....	3 50
2 to 2½ feet.....	4 25
Arborvitae, Chinese. (<i>Biota orientalis</i> .)	Foliage deep green. Pyramidal outline like our native Arborvitae, but the texture of the foliage is more delicate.
	Each
1½ to 2 feet.....	\$2 50
2 to 2½ feet.....	3 00
2½ to 3 feet.....	3 50
Arborvitae, Fern-like. (<i>T. occidentalis wareana</i> .)	
1½ to 2 feet.....	2 50
2 to 2½ feet.....	3 50
Arborvitae, Pyramidal. (<i>T. pyramidalis</i> .)	
1½ to 2 feet.....	2 25
2 to 2½ feet.....	3 00
2½ to 3 feet.....	3 50
3 to 4 feet.....	4 00
4 to 5 feet.....	5 00
Arborvitae. (<i>T. compacta</i> .)	
1½ feet.....	2 50
1½ to 1½ feet.....	3 25
1½ to 2 feet.....	3 75
2 to 2½ feet.....	4 50



A Neat Hedge of *Ligustrum Ovalifolium* (California Privet)

plants and one that requires no attention, as it can be pruned or not at the owner's discretion. Barberry is fully as hardy as California Privet, and has points of advantage not possessed by other hedge plants.

Prices of Thunberg's Barberry:

	10	100	1,000
6 to 12 inch, 2-year.....	\$3 00	\$20 00	\$150 00
12 to 18 inch, 2-year.....	3 25	30 00	200 00
18 to 24 inch, 3-year.....	4 00	35 00	250 00
2 feet extra, 3-year.....	7 00	45 00	350 00

The Spireas include a great variation in flower and foliage effect.

No. 1 represents the type of flowers produced by the varieties Van Houttei and Reevesiana.

No. 2 is the old-fashioned Bridal wreath.

No. 3. Flowers of this type are borne by varieties Billardi, Billardi alba, Douglasi, Salicifolia and Tomentosa. They differ in color.

No. 4 represents flowers of varieties Bumalda and Anthony Waterer.



Ornamental Flowering Shrubs

No ornamental plants possess such a wide range of usefulness as flowering shrubs.

They may be planted in masses, borders, or as individual specimens. The lower growing varieties make a much better effect in masses, for their beauty lies more in the volume of bloom than in the single flower. These low-growers are also best for borders or hedge planting.

The tall sorts, and those with large, showy flowers, are more attractive when used as specimen plants. Among this latter class the Lilacs are perhaps the most representative.

Most of the different species of shrubs are hardy. In fact, all those in our list are perfectly at home in Harrisburg and for many miles north of the city.

- Blue Spirea.** (Caryopteris Mastacantbus.) A native of China. Grows 3 to 4 feet high. Flowers lavender-blue.
2 to 3 feet, 1-yr. size, \$0.60; 2-yr., \$1.00; 3-yr. \$1 50
- Butterfly Bush.** (Buddleia magnifica.) Large purplish flowers, slightly tinged with red. Plants often die to the ground in winter, but the roots are hardy.
2-yr., \$1.00; 3-yr. 1 50
- Carolina Allspice.** (Calycantbus floridus.) Flowers reddish brown, sweetly scented; borne in early spring.
1-yr., \$0.75; 2-yr. 1 00
- Dogwood, White-flowering.** (Cornus florida.) Large white flowers in May, before the leaves appear; foliage gray-green, turning to crimson in autumn.
4 to 5 feet 3 00
5 to 6 feet 4 00
- Dogwood, Cornus Kousa.** White flowers appear in June after the leaves, making a lovely contrast. Foliage glossy and bright green. The strawberry-like fruits in autumn afford a most unusual sight.
4 to 5 feet 3 00
- Dogwood, C. mas.** Cornelian Cherry. A beautiful, dense shrub with glossy foliage. Yellow flowers in March and scarlet berries in the fall.
3 to 4 feet 2 00
- Dogwood, C. sericea.** Silky Dogwood. This shrub has purple branches and good dark green foliage. Flowers in June and July and produces bluish berries in autumn.
4 to 5 feet 2 00

Four Dainty Deutzias

A most desirable class of shrubs; hardy and strong growers and bearing numerous small clusters of flowers in the early summer.

- D. crenata rosea.** Grows 4 to 6 feet. Flowers pink, bell-shaped.
- D. gracilis.** 2½ to 3 feet. Of compact, bushy growth, and in May completely covered with a mass of pure white, bell-shaped flowers. In 1-yr. size only.
- D. Lemoinei.** One of the best dwarf hardy shrubs. Flowers are produced in cone-shaped heads of purest white, which open out when full.
- D. crenata, Pride of Rochester.** Grows 4 to 6 feet. A strong, upright grower, with beautiful double flowers, pure white tinged with blush; blooms profusely.

Prices: 1-yr. plants, 60 cts., postpaid; 2-yr., \$1.00, 3-yr., \$1.50, by express.

Diervilla—Free Flowering Weigelas

They may be planted singly or in groups, in the sun or shade, and are always satisfactory. Broad, vigorous growth 5 to 8 feet in height. In the spring the entire branches are covered with white, pink, or red, trumpet-shaped flowers.

- D. candida.** Flowers pure white, borne in great clusters in June and occasionally throughout the summer. This shrub is easily grown and the foliage is handsome.
- D., Eva Rathke.** The everblooming Weigela. It has splendid foliage, and the lovely, dark red flowers with creamy white markings produce an effect not to be had in any other shrub. Flowers are produced throughout entire season.
- D., Variegated-leaved.** The flowers are clear pink. Foliage is very attractive, being bordered with creamy white; desirable for planting among your dark-leaved shrubbery, to lighten it and also give variety to your collection.

All Weigelas: 75 cts. each, postpaid; 2-yr. size, \$1.00, 3-yr. size, \$1.50, by express.



Deutzia



Forsythia

Forsythia. Golden Bells

FORSYTHIA viridissima. (Golden Bells.) April. 5 to 6 feet. Bears long rows of bright golden yellow flowers, before the leaves appear.

F. Fortunei. April. Color deeper yellow than Viridissima. 2-yr. only. 60 cts. each, potspaid; 2-yr. size, \$1.00; extra size, \$1.50, by express.

Lonicera. Honeysuckle

Lonicera Morrowii. (Japanese Bush.) A vigorous shrub bearing an abundance of white flowers. In autumn numerous scarlet berries make their appearance.

	Each	Per 10
3 to 4 feet.....	\$0 75	\$6 06

Hydrangea

Hydrangea paniculata grandiflora. Blooms in August, September, and October. This Hydrangea is undoubtedly the grandest and most beautiful of all the hardy flowering shrubs. The flowers are rich, creamy white, changing to pink, and borne in immense clusters, often more than a foot long; it blooms in August, the first and every succeeding year, and continues in bloom for months. It is entirely hardy, no trouble to grow, and splendid effects can be obtained with this free-flowering shrub by planting it in masses along driveways, in groups among shrubbery or as a center for beds. When planted alone in oval or circular beds on large lawns, and the plants kept pruned yearly to a height of 3 or 4 feet, this magnificent shrub will delight you with its showy bloom from August to October and produce a lasting effect obtainable from no other hardy plant.

1-yr. size, to bloom this year, 60 cts. each, \$6.00 per doz.; 2-yr. size, \$1.00 each, \$9.00 per doz.; 3-yr. size, \$1.75 each, \$12.00 per doz.

H. arborescens grandiflora. "Hills of Snow." One of the most valuable characteristics of this shrub is its coming into bloom just after the passing of all the early spring flowers, while its long flowering season, from June till late August, makes it an acquisition on any lawn. The heads of flowers are produced on long, strong stems, making them good for cutting for indoor decoration and at a time when few other flowers can be obtained.

1-yr. size, 60 cts., postpaid; 2-yr. size, \$1.00; extra size, \$1.75 by express.

CORCHORUS (Kerria japonica flore-pleno.) Double, orange-yellow flowers, borne abundantly in May and sparingly through the summer.

1-yr. size, 60 cts., postpaid; 2-yr., \$1.00, by express.

HONEYSUCKLE, BUSH (Lonicera tatarica). Grows 6 to 10 feet, and becomes covered with masses of bloom early in the spring. An old-fashioned shrub, with sturdy, oak-like habit, good foliage, especially useful for screens and masses. Profusion of white flowers in May and June, very attractive, followed by translucent berries in the fall.

1-yr. size, 60 cts., postpaid; 2-yr., \$1.00; 3-yr., \$1.50, by express.

Double Althea, or Rose of Sharon

(HIBISCUS SYRIACUS)

These will bloom profusely during July and August. 6 to 8 feet.

Jeanne d'Arc. Large, double, pure white flowers like roses.

Double Pink. Large, double flowers of rich pink.

Banner. Flowers richly striped with pink and crimson.

1-yr., 60 cts., postpaid; 2-yr., \$1.00; 3-yr., \$1.50, by express.

Kerria

Kerria japonica fl.-pl. Showy double yellow flowers; vigorous-growing plant.

3 to 4 feet	\$1 25	\$8 00
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Hydrangea

Philadelphus. Mock Orange

MOCK ORANGE, Common (Philadelphus coronarius).

Flowers creamy white and deliciously fragrant; produced very freely. A desirable shrub.

Each

1-year.....	\$0 60
2-year.....	1 00
3-year.....	1 50

Three Choicest Spireas

Anthony Waterer. The perpetual-blooming Red Spirea.

A fine, hardy, perpetual-blooming shrub; makes nice, shapely bushes 2 to 3 feet high; begins to bear its large, flat clusters of rich, rosy red flowers almost as soon as planted and continues blooming at short intervals all through the summer and fall. Makes fine single specimens, or may be used for ornamental hedges, etc.

Bridal Wreath (S. prunifolia). Flowers white and double like little roses, borne in great profusion the whole length of the branches; blooms early in spring and is always greatly admired.

Van Houtte's. Blooms in May and June and grows 5 to 6 feet in height. An immense bloomer, with pure snow-white flowers, borne in plume-shaped clusters all over the plant, as shown in the illustration. This Spirea makes an exceedingly attractive hedge.

Blue Spirea (Caryopteris Mastacantbus; Verbena Shrub). This is the finest blue-flowering shrub we have; makes neat, compact bushes 18 inches to 2 feet high; begins to bloom in August and continues loaded with lovely sky-blue flowers until frost. The foliage has a peculiar, spicy fragrance.

Price of Spireas: 1-yr. size, 60 cts. each; 2-yr. size, \$1.00; 3-yr. size, \$1.50, by express.



Philadelphus Lemoinei (Mock Orange)



Viburnum Tomentosum Plicatum (Snowball)

Syringa. Lilacs

S. VULGARIS. (Common Lilac.) This class of Lilacs is more largely planted than any other. Several colors are found in the different varieties—white, light purple, dark purple, etc.

COMMON PURPLE. Grows to about 3 feet and bears numerous large double purple flowers.

WM. ROBINSON. Bears large panicles of double pink flowers.

SOUVENIR DE LUDWIG SPAETH. Bears huge clusters of intense deep purple flowers. One of the best of the purple lilacs.

2 to 3 feet.....	\$1 00
3 to 4 feet.....	1 50
4 to 5 feet.....	2 00

Viburnum. Snowball

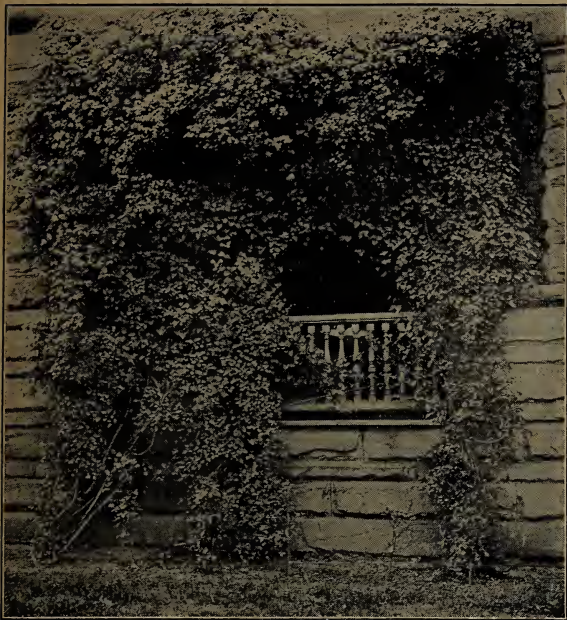
(*Opulus Sterele*)

SNOWBALL (Viburnum). The common Snowball.

Snowball, Japanese (V. plicatum). The globe-like clusters of blooms are pure white and from 3 to 4 inches across.

SNOWBERRY (Symphoricarpos racemosus). Flowers pinkish or white; berries white, remaining nearly all winter.

Above 1-year.....	\$0 60
2-year.....	1 00
3-year.....	1 50



Clematis Paniculata

Hardy Vines and Climbers

On the home-grounds vines fill a distinct need. The pergola, the trellis, the fence, the unsightly dead tree trunks or banks need covering. Wherever they can run or climb, vines will transform the place and beautify the surroundings to a degree greatly in excess of their cost.

Those in this list can be recommended without hesitation or explanation. They are all good, no uncertain ones included.

ANEMONE, Queen Charlotte. Grows 2 to 3 feet high and blooms from August until frost; large, semi-double pink flowers. 50 cts. each, postpaid, \$4.00 for 10.

COREOPSIS grandiflora. Flowers rich golden yellow, from June to September. 50 cts. each, postpaid; \$4.00 for 10.

DELPHINIUM belladonna. The everblooming Hardy Larkspur. Has clear turquoise-blue flowers. Blooms continually from June until a heavy frost. New; very desirable. 50 cts. each, postpaid; \$4.00 for 10.

EULALIA gracillima. Hardy Ornamental Grass. Grows 6 to 8 feet high; graceful, narrow green foliage. 50 cts. each, postpaid; \$4.00 for 10.

GAILLARDIA grandiflora. Blanket Flower. A very showy bloom, having a red center with scarlet and yellow edge. June to October. 50 cts. each, postpaid; \$4.00 for 10.

HEMEROCALLIS. The Yellow Day Lily. June and August. Lily-like, golden yellow flowers with carmine markings. 50 cts. each, postpaid; \$4.00 for 10.

HIBISCUS. Marshmallow. A large white flower, with a velvety crimson center, appearing in July and August. 50 cts. each, postpaid; \$4.00 for 10.

HOLLYHOCKS. The short-stemmed, rose-like flowers on long spikes, are well suited to grow against the wall or fence. We offer the best four colors: Red, Pink, White, and Yellow. 50 cts. each, postpaid; \$4.00 for 10.

PACHYSANDRA terminalis. A trailing plant 6 to 8 inches high, flowers during May and June. Invaluable as a ground-cover in shady places—especially in evergreen plantings. 50 cts. each, \$4.00 for 10, postpaid.

PLATYCODON. Balloon Flower. Bears violet-blue, bell-shaped flowers the whole season. 50 cts. each, postpaid; \$4.00 for 10.

SHASTA DAISY. Blooms from July to October. Splendid large showy flowers of glistening white with golden disks; very hardy. 50 cts. each, postpaid; \$4.00 for 10.

CORNFLOWER. Fine, large, lavender blue flowers 4 to 5 inches across are borne from July to October. Magnificent. 50 cts. each, postpaid; \$4.00 for 10.

FERNS. For shady places. Wonderfully delicate foliage; hardy plants for outdoor shady places. 35 cts. each, postpaid; \$3.25 for 10.

Sweet Violets

Swanley White. The finest and best white Violets in cultivation; a very profuse bloomer, perfectly double and exquisitely fragrant.

Princess of Wales. Flowers are single and very large, borne on stems 10 to 12 inches long. The color is true Violet-blue. This is the very best to grow for cut-flowers.

Prices of Violets: 35 cts. each, postpaid; \$3.25 for 10.

Ampelopsis

AMPELOPSIS QUINQUIFOLIA. (Virginia Creeper.) A handsome vine which grows to considerable height. The leaves are large, green in summer, changing to scarlet in fall. Excellent for arbors, trellises and walls. 60 cts. each, \$6.00 doz.; 2-yr., \$1.00 each, \$10.00 doz.

A. VEITCHII. (Japanese or Boston Ivy.) A quick-growing vine, bearing clusters of small purplish blue berries. The leaves are large, green in summer, changing to golden yellow in fall. 2-yr. plants, 50 cts. each; extra strong 2-yr. plants, \$1.00 each.

Clematis

CLEMATIS PANICULATA. A strong-growing vine with light green foliage. In late summer it bears numerous fragrant white flowers. This vine is one of the best in our list. 1-yr., 50 cts. each, \$3.00 per doz.; 2-yr., \$1.00 each, \$9.00 per doz.; 3-yr., \$1.50 each, \$12.00 per doz.

Lonicera. Honeysuckle

L. HALLEANA. (Hall's Japan Honeysuckle.) A strong-growing vine bearing fragrant flowers all summer. Foliage is half evergreen. 2-year field grown, 2 to 3 feet, \$1.00 each, \$6.00 per 10.

Aristolochia. Dutchman's Pipe

A. SIPHO. Dutchman's Pipe. Dark, broad, rich green leaves. The flowers are shaped much like a pipe. One of the best screening vines. Thrives in heavy soil and smoky localities. Pot-grown, \$1.00 each; large plants, \$1.50 each.

Wistaria

WISTARIA CHINENSIS. (Chinese Wistaria.) The leaves are medium sized, pale green, and quite numerous. The flowers are sky-blue, borne in long clusters in early summer.

WISTARIA CHINENSIS ALBA. (White Chinese Wistaria.) In many respects similar to the preceding except that the flowers are white. 4 feet, 1 shoot, 75 cts. each; 6 feet, 2 shoots, \$1.25 each.



Wistaria Chinensis



Chrysanthemum

Hardy Perennials

This class of plants, familiarly known as old-fashioned hardy garden flowers, has come into public favor in recent years so rapidly as to astonish even the most sanguine enthusiast. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day, brings forth something fresh and new.

Abelia Grandiflora—Bush Arbutus

This magnificent flowering shrub should be used in every planting of shrubs on account of its unusual beauty. The exquisite white flowers, faintly flushed with pink, almost cover the bush all summer. Not hardy north of Pennsylvania. 1-yr. size, 50 cts., postpaid; 2-yr., \$1.00 by express.

Buddleia Variabilis Magnifica

(Summer Lilac, or Butterfly Shrub.)

Grows rapidly and will produce masses of bloom the first season. The blooms first appear in July, and are continuous from then until cut down by severe frost. The flowers are a pleasing shade of violet-mauve, and are borne in long, dense, cylindrical spikes.

Its freedom of bloom, ease of culture, attractive color and delightful fragrance create a demand for it wherever it is planted. 1-yr. size, 50 cts., each, postpaid; 2-yr. size, 75 cts. each, and 3-yr. size, \$1.25 each, by express.

CALYCANTHUS. ("Allspice," Sweet-scented Shrub, or Strawberry Shrub.) Grows 5 to 6 feet. Dark crimson flowers. 50 cts., postpaid; 2-yr., \$1.00, by express.

Choicest Hardy Phlox

Massive heads of most brilliantly colored flowers of large size. The plants are perfectly hardy, and when established will bloom on year after year.

SELECT NEW VARIETIES—THE VERY BEST (6-10 mo.)
Price, 50 cts. each, postpaid

Elizabeth Campbell. Bright salmon-pink with dark crimson eye.

Europa. Very large white flowers with large crimson eye.

Thor. Deep-salmon-pink, crimson eye.

STANDARD VARIETIES—ALL EXCELLENT (6-10 mo.)
Price of standard varieties of Phlox, 35 cts. each, \$3.50 per doz., postpaid

Antonin Mercie. Light ground-color, half of each petal suffused bluish lilac.

Frau Anton Buchner. Pure white.

R. P. Struthers. Carmine, eye claret.

Sunshine. Aniline-red with crimson eye and red halo.

Wanadis. White, mottled light violet.

12 for \$3.00, postpaid

Hardy Garden Pinks

For Borders and Edging. 9-12 in. 5-6 mo.

Elsie. Bright rose, maroon center. 25 cts.

Essex Witch. Pink, fringed. 25 cts.

Gertrude. White, marked maroon. 25 cts.

May Gray. Purple, marked white. 25 cts.

Dianthus plumarius delicatus. Silvery mauve. 40 cts.

The above 5 Pinks for \$1.25

Chrysanthemums

One of the most popular autumn flowers we have; perfectly hardy and no trouble to grow.

Baby. Like golden buttons. 25 cts.

Little Bob. Dark bronze. 25 cts.

Du Pont de l'Eure. Amber. 25 cts.

Golden Nugget. Golden yellow. 25 cts.

Lilian Doty. The finest pink. 25 cts.

Miss H. Wells. Tuscan red. 25 cts.

Myers' Perfection. Pure white. 25 cts.

Japan Iris

(Iris Kaempferi Grandiflora)

Flowers from 8 to 10 inches across, of most gorgeous and exquisite colors.

DOUBLE (6 petals)

40 cts. each, postpaid

No. 60. Kagaribi. White, traced and marbled with ultramarine-blue.

No. 94. Komochi-Guma. Rich, velvety pansy-violet. Very fine.

No. 107. Tokyo. A magnificent large flower; pure snowy white.

SINGLE (3 large petals)

40 cts. each, postpaid

No. 15. Gekko-no-Nami. An early, pure white, very large flower.

No. 43. Shi-un-ryo. Grayish white, densely veined and suffused violet.

No. 82. Ari-Ake. Violet-purple, marbled with white.

The above 6 Japanese Irises for \$2.25

German Iris, Early

Florentina alba. Free flowering; white.

Honorabilis. Golden yellow, outside petals mahogany-brown.

La Tendresse. Soft blue, shading lighter.

NAMED VARIETIES, 35 cts. each, \$3.00 per doz., postpaid.

MIXED, OUR SELECTION, from named kinds, not labeled, 25 cts. each, \$2.50 per doz., postpaid.

Grandest Peonies

COURONNE D'OR. White with blotch of red and yellow in center. Immense, very full, ball-shaped bloom. \$1.25 each, postpaid.

FELIX CROUSSE. Is an exceptionally striking red, with double, ball-shaped blooms. \$1.35 each, postpaid.

FESTIVA MAXIMA. The immense, perfectly double flowers are pure snow-white with a flake of carmine in the center. \$1.00 each, postpaid.

Standard Peonies

Edulus superba. Beautiful clear pink with silvery reflex.

Jeanne d'Arc. Pink, rose center.

Louis Van Houtte. Bright violaceous red; always in demand.

Marie Lemoine. Extra large; free flowering; ivory-white.

Mme. de Verneville. Sulphur-white with center touched carmine.

Meissonier. The "American Beauty Peony." Brilliant crimson; large. 75 cts. each, \$7.00 per doz.

Adam's Needle

Or SPANISH BAYONET (Yucca Filamentosa)

3-5 ft., 6-7 mo. Bears enormous clusters of creamy white, bell-shaped flowers. 35 cts. each, postpaid; 2-yr. roots, 50 cts., by express.

FRUIT TREES

So many people have inquired of us for fruit trees, that this year we have added to our catalogue a long list of Apples, Peaches, Pears, etc. Of course, there are many varieties of each that are not given here, but we don't care to deviate from our usual custom of selling only what we know to be all right. There is not a fruit listed in this catalogue that we would not plant ourselves. Therefore, any selection you make from those given here may be fully relied on. They are tested and tried sorts, and the kinds that always "make good," whether it be in the home garden or commercial orchard.

All Fruit Trees are F. O. B. NURSERY, AND PURCHASERS MUST PAY FREIGHT OR EXPRESS CHARGES.

Apples

Prices of Two-Year Budded Apple Trees:	Each	Per 10	Per 100
4 to 5 feet.....	\$1 50	\$10 00	\$85 00
5 to 6 feet.....	1 65	11 00	90 00

BALDWIN. Winter. Large; deep red; crisp, juicy, and rich flavored. Good keeper; tree produces abundantly and is a vigorous open grower.

BEN DAVIS. Winter. Large, handsome, striped, and a valuable late keeper. Quite prolific; quality poor.

WILLIAMS. (WILLIAM'S EARLY RED.) A reddish Apple of large size; flesh is tender, juicy, and possesses a pleasing flavor.

YELLOW TRANSPARENT. Summer. A handsome Apple that grows well all over the country. Fruit is large; skin is yellowish; flesh is tender, juicy, and possesses a good flavor.

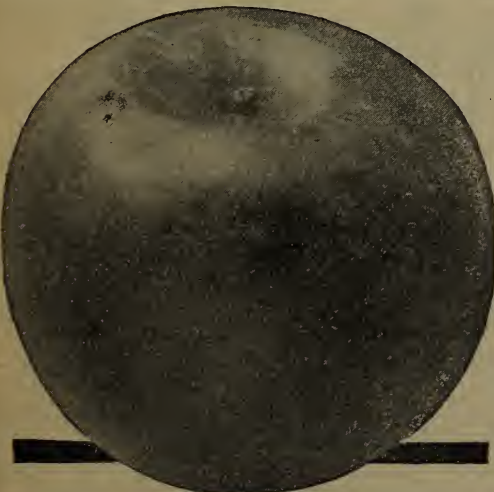
GRAVENSTEIN. Fall. A perfect fruit with a handsome yellowish skin striped with red. The flesh is yellow, firm, juicy, of excellent quality; flavor palatable.

GRIMES. (GRIMES GOLDEN.) Fall. A large size Apple, with golden yellow skin dotted gray. The flesh is tender, juicy, crisp and the flavor is good. The tree is hardy and productive.

YORK IMPERIAL. Winter. This is one of the most important commercial Apples grown. Its size is medium. The skin is white, with a reddish shade. The flesh is firm, crisp and juicy; flavor is pleasant and mild. The tree is vigorous and productive. Seems to do well wherever planted.

ROME BEAUTY. Winter. Large; an exceedingly beautiful Apple of pale yellow shaded with red; tender, juicy, good, and profitable. Quality and flavor way above the average; always sells well.

SMOKEHOUSE. Winter. Fruit medium to large; uniform in size and shape; firm, juicy and crisp; golden yellow or greenish with red streaks; splendid flavor and quality.



Stayman Winesap is a very delicious Apple

DELICIOUS. Winter. This Apple can be told anywhere on account of its shape. It is oblong, quite full at the stem, but at the blossom end it is deeply notched. In quality, Delicious is considered one of the best for commercial orchards. The fruit's color is brilliant dark red, shading to yellow at the blossom end. The flesh is perhaps the best keeping Apple you can find.

STAYMAN WINESAP. Winter. The only reason we can see why this Apple is not planted more extensively in every orchard all over the country is because it is not well enough known. Frankly, we can think of no other Apple that possesses more of every good quality than does the Stayman Winesap. Its size is large, nearly round; has a very high red color and a pleasing appearance. The flesh is white, very fine quality, juicy, and flavor is one of the best. If you have room for only a few trees, plant Stayman Winesap. If you grow for market you can't afford to overlook this variety. It is a moneymaker.

Peaches

Two-Year Trees:	Each	Per 10	Per 100
3 to 4 feet.....	\$1 25	\$ 9 00	\$75 00
4 to 5 feet.....	1 50	10 00	85 00
5 to 6 feet.....	1 65	12 00	100 00

GREENSBORO. Ripens June 25 to July 10. It is yellow, with a crimson cheek; flesh is white, juicy and sweet. It is extra large for an early Peach, and on account of its firmness is considered one of the best commercial sorts. Freestone.

CARMEN. Ripens July 20. A favorite variety with many growers, for it usually produces excellent prices wherever sold. The fruit is large, pale yellow with crimson cheek. The flesh is tender, creamy white, possessing a spicy flavor. Freestone.

CHAMPION. Ripens August 1. A large Peach with creamy white skin and red cheek. The flesh is white. The flavor is sweet and very high in quality. Champion is an excellent shipper. Freestone.

BELLE. (BELLE OF GEORGIA.) Ripens August 5. A large showy fruit, with white skin and reddish cheek. The flesh is white, firm and delicious; extra high quality. This is one of the standard market varieties for the east. Freestone.

RAY. An extra large Peach of excellent form. The skin is yellowish, nearly all overlaid with red. The flesh is white and firm. The quality is high and desirable in every way. It ships well and arrives at distant markets in excellent condition. Freestone.

ELBERTA. Ripens August 20. This is a favored variety with many of our leading commercial growers. The fruit is large, yellow with reddish cheek. The flesh is firm, yellow, juicy, flavor is very high, and quality is excellent. Freestone.

LATE CRAWFORD. Ripens September 5. One of the leading late varieties. Is large in size; skin is yellow with red cheeks. Flesh is yellow, juicy, possessing a rich flavor. Excellent for either market or home planting on account of its late ripening period. Is considered one of the leading late Peaches. Freestone.

Pears

	Each	Per 10	Per 100
4 to 5 feet.....	\$1 50	\$12 00	\$80 00
5 to 6 feet.....	1 65	13 00	90 00

BARTLETT. Summer. A handsome golden yellow fruit. Very popular with everyone who grows Pears. The fruit is large and shapely. The flavor is melting and sweet.

DUCHESS. (Angouleme.) A large fruit of excellent quality. Flavor very pleasing, melting and buttery. Tree bears when quite young.

SECKEL. While not as large as some other varieties, Seckel makes up for this deficiency by its excellent flavor and high quality. The flesh is very juicy and the tree is a low grower. For either home or market use Seckel is an excellent variety.

KIEFFER. This Pear is the one that is grown perhaps more extensively than any other one variety that we can think of. Its size is large and the fruit possesses a sweet flavor. The flesh is rather coarse. Kieffer is one of the best for general planting. We have a special price on Kieffer trees.

Cherries

	Each	Per 10	Per 100
4 to 5 feet.....	\$1 50	\$12 00	\$85 00
5 to 6 feet.....	1 75	15 00	100 00

SOUR VARIETIES

MONTMORENCY. Red. Very large in size. The flesh is solid, juicy, with rich acid flavor.

RICHMOND. Red. This fruit ripens quite early. Tree is thrifty and bears heavily; fruit medium sized.

SWEET VARIETIES

SPANISH. Yellow. Flavor sweet and delicious.

TARTARIAN. Black. Flavor sweet and pleasing.

Plums

	Each	Per 10	Per 100
4 to 5 feet.....	\$1 50	\$12 00	\$85 00
5 to 6 feet.....	1 65	14 00	95 00

ABUNDANCE. Very large, amber color, flesh juicy; flavor sweet.

BURBANK. Orange-yellow. (Japan.) Medium to rather large on thinned trees, roundish conical in form; orange-yellow, overlaid with red; flesh firm, meaty, yellow, rich, sugary. From two to four weeks later than Abundance. Exceedingly productive; one of the best of the Japans.

GERMAN PRUNE. Purple. (European.) Fruit oval in shape, nearly 2 inches long, of good quality; hangs well on the tree; is firm and sweet. A splendid preserving sort and excellent for dessert. Tree vigorous and very productive.

Quinces

	Each	Per 10
3 to 4 feet.....	\$1 50	\$12 00

CHAMPION. Large to very large. Fruit oval in shape, bright yellow. Flesh tender, and of excellent quality.



Elberta is one of the best Peaches for either market or table

Strawberries



Premier

Fresh, luscious strawberries can be grown easily by anyone having a bit of good garden soil. A small plot will yield enough delicious berries to supply an average family with plenty of fresh fruit through a long season, from early to late, and leave a surplus for canning, preserving, and, perhaps, a few to sell. Figure 50 to 100 plants for each member of the family who likes good strawberries.

Plants should be set in early Spring, March or April, for best results. Order the plants at once and have them shipped early. Plant as soon as received if weather permits. If not, "heel in" the plants in some protected place, and cover with a light mulch of straw until you can plant.

Set plants in rows 3 to 3½ feet apart and the plants 15 to 20 inches apart in the row. If space is limited and no horse cultivating is to be done, rows may be only 2 to 2½ feet apart, requiring 3 to 5 square feet for each plant, according to distances used.

There are many varieties of strawberries, but we are offering a choice selection of the most vigorous, most productive, and highest quality varieties, covering the season from very early to very late. These varieties are especially adapted to the middle and northern states.

Your own strawberry garden will yield big dividends in health, pleasure and economy.

PREMIER (extra early). The most remarkable variety of early strawberries we have grown. Very early, large size, excellent quality, enormously productive. Don't miss this variety. Price by mail, postpaid, 90 cts. for 25 plants, \$1.50 for 50 plants, \$2.25 for 100 plants.

SENATOR DUNLAP (early). Very vigorous grower; does well on all soils; very productive, good quality, a safe berry for the amateur grower. Price by mail, postpaid, 60 cts. for 25 plants, 90 cts. for 50 plants, \$1.40 for 100 plants.

BIG JOE. A great midseason berry. Very large in size, handsome in appearance, and of excellent quality. Big Joe is really big. Price by mail, postpaid, 75 cts. for 25 plants, \$1.25 for 50 plants, \$1.75 for 100 plants.

GOLD MINE (midseason). Similar to Big Joe; more productive and firmer, but not quite so large or good in quality. A very healthy plant, and the berries are handsome. Price same as Big Joe.

McALPIN (late). Grows as vigorously as Dunlap. Very productive, excellent quality, handsome in appearance. The luxuriant foliage protects the fruit from the hot sun or from being dirty after a rain. Price same as Big Joe.

WM. BELT (late). The best quality strawberry grown. Good grower and quite productive, but it is in quality that Wm. Belt excels. It is the best quality berry that 40 years strawberry growing experience has revealed. Price same as Big Joe.

GANDY (very late). Will extend the regular season. Berries very fancy; commanding highest prices in the market. Good quality and good grower on fertile soil. Not adapted to light sandy soils. Price same as Big Joe.

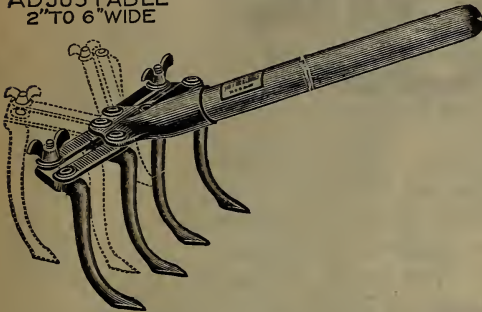
Strawberries in Summer and Fall

PROGRESSIVE everbearing strawberry plants, set during March or April in good garden soil will commence yielding berries in late July or August and continue all Summer and Fall until freezing weather. The blossoms should be kept cut off until the third or fourth week in July, to give the plants a chance to get started. Then they start bearing only a few weeks after the plants are set. On good soil, if the weather does not get too dry, each plant of PROGRESSIVE will yield a quart of nice berries during the late Summer and Fall. PROGRESSIVE is the best of all the overbearing strawberries yet put on the market. Price by mail, postpaid, \$1.25 for 25 plants, \$1.75 for 50 plants, \$2.75 for 100 plants.

All strawberry plants are shipped only in multiples of 25.

The PULL-EASY Cultivators

ADJUSTABLE
2" TO 6" WIDE



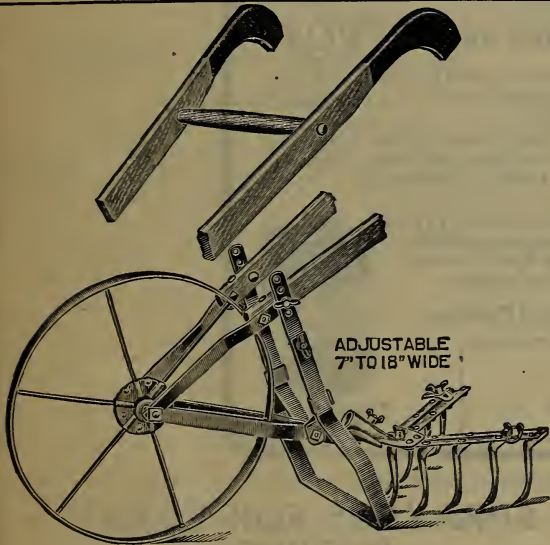
Junior Cultivators

Pej1, 10" handle. Pej4, 4" handle.

These two Junior Cultivators are for women and children to use for preparing the soil and weeding in small gardens and flower beds. Four teeth unbreakable steel—instantly adjustable from 2 to 6 inches wide—no tools needed to adjust.

PEJ1 with ten-inch handle; weight one pound; price 60 cents.

PEJ4 with four-foot polished maple handle; weight 1½ pounds; price 75 cents.



Wheeled Cultivator

Number PEWF

The lightest, most efficient wheel cultivator made. Two tools furnished—a spring tool steel weed slayer 9½ inches wide, and an adjustable nine-tooth cultivator, described below. Wheel 1 inch by 14 inches; weight 12 pounds; price \$4.00 each



Nine Toothed Cultivator, PEC and weed perfectly. Weight 3 pounds. Price.....\$1.50.

This is the most popular Pull-Easy seller. Has a 4½-foot French polished handle, adjustable 7 inches to 18 inches wide—used as a rake or cultivator—nine teeth, unbreakable steel, 3 inches long, will mulch and weed perfectly. Price.....\$1.50.

Compressed-Air Sprayer

This is without doubt the standard of all Compressed Air Sprayers. It consists of a 4-gallon reservoir, made of heavy material, either brass or galvanized steel as ordered. It is operated by working an air pump, with which air is compressed on top of the solution. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents. This Sprayer is made of heavy material throughout, and the brass machine, which we strongly recommend, is practically indestructible, because it can not be affected by the various spray solutions. No other Sprayer will do such a variety of work, and do it so well. The cut shows the air chamber and reservoir, also auto-pop nozzle.



	Price
Brass tank, with auto-pop nozzle.....	\$10.75
Galvanized steel tank, with pop nozzle.....	8.25
Auto-pop nozzle, supplied separately.....	1.75
Brass extension rods, in 2-foot lengths.....	.85

Small Sprayers

Dry Powder Dusters.....	\$1.00
Continuous Junior Sprayer.....	1.25
U. T. K. Continuous.....	1.00
No. 5, Tin.....	.75
No. 8, Single Tube.....	.50
No. 9, Galvanized Double Tube.....	.85
No. 7, Tin, Single Tube.....	.65
No. 6, Glass.....	.90

Sheep Manure

Give the soil what it needs to make things grow. This is probably the most extensively used of animal manures by the market or home gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized sheep manure acts quickly and is invaluable for vegetables, flowers, lawns, shrubs and fruit and field crops. It can be used without fear of weeds. Apply 100 pounds per thousand square feet or 1,000 pounds per acre.

5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs., \$2.00, 100 lbs., \$3.50. Write for prices on larger quantities.

Lawnlime

THE GRASS AND GARDEN TONIC

Pulverized Lawnlime

GUARANTEED ANALYSIS

Calcium Carbonate.....	98%
Magnesium Carbonate.....	1%
Total Carbonates.....	99%

Lawnlime will renovate old lawns and gardens, cure the acidity of the soil. Promotes growth, gives grass a rich green color. For renewing old gardens and lawns it is unequaled. Guaranteed not to burn the sod. Has a tendency to prevent the growth of weeds. Apply at rate of 25 lbs. per 100 sq. feet or 1½ ton per acre on lawns. 100 lb. sack \$1.25, 3 sacks \$1.15 per sack. Write for prices on larger quantities.

You need it! We have it!

SCALECID

THE COMPLETE DORMANT SPRAY

"Makes a Tree Outgrow Its Troubles"

While you're putting on the dormant spray, do a thorough job of it. Control aphid, pear psylla, bud moth, leaf roller, case bearer and collar rot as well as scale. Stop the spread of fire blight by destroying the hold-over canker in the dormant season. This is causing the trouble. You can do this and more with "Scalecide"—it literally "Makes a Tree Outgrow Its Troubles."

The manufacturers *guarantee* "Scalecide" to do better work than lime sulphur—if not, your money will be returned.

Come in and see us or call us on the 'phone regarding your dormant spray requirements.



The time
to Spray

Ask any orchardist what he thinks of Pyrox; then call and get a copy of our new and interesting booklet. We sell Pyrox because we know what it will do—any quantity you want, in small drums, kegs or barrels.

Remember—use Pyrox for Fruit and Potatoes.

ORDER NOW

Spray Your Fruit with PYROX

REG. U. S. PAT. OFF.

Pyrox protects your orchard against the ravages of both insects and fungus, and makes it possible for you to grow marketable fruit and lots of it.

There is nothing complicated about its use; it is an insecticide and fungicide combined, and when applied, rapidly dries, forming a coating unaffected by even the heaviest rains.



The spray
to use

VREELAND'S ELECTRO

Dry Powdered Arsenate of Lead

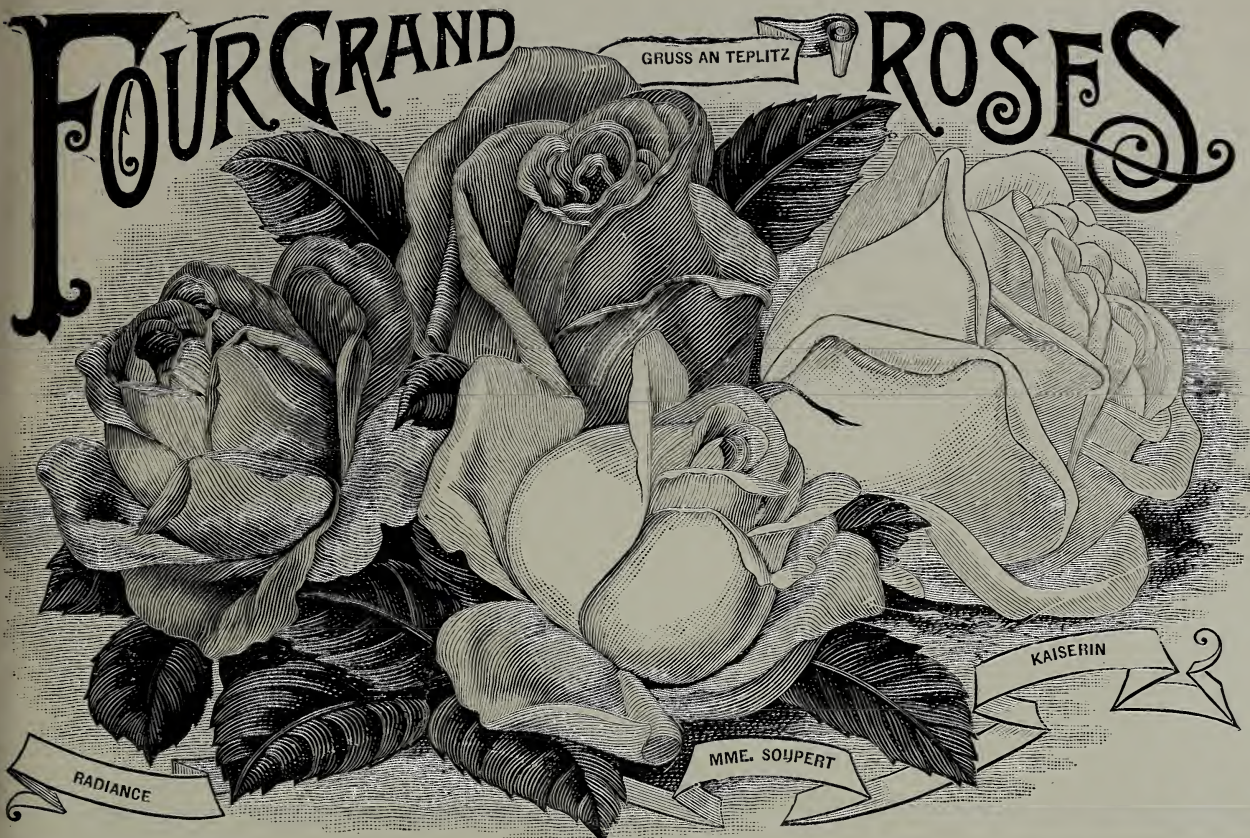
represents the highest development in spraying material. It has been one of the chief factors in the success of the Vreeland Chemical Mfg. Company in its long record for good goods as revealed in the reports of efficiency tests and in practical use during the last ten or twelve years. The Vreeland Chemical Mfg. Company has now a continuous record of twelve years of perfect goods, giving complete satisfaction, and isn't this enough for you to feel secure in its use?

A RUNNING START

The first Dry Powdered Arsenate of Lead produced was Vreeland's "Electro" Powder.
Fourteen Years ago—A Faith Solicitation.
Twelve Years ago—A Reality.
Today—A Fact Demonstrated.

SPRAYERS FOR EVERY PURPOSE

The famous line includes sprayers of every known size and type from our large Triplex Power outfit to the small garden atomizer. From this complete line you can select the very best equipment for thoroughly spraying Orchards, Gardens, Field Crops, Vineyards, Nurseries, Cemeteries, Green Houses, Shade Trees, Potatoes, Cotton, Hops; Poultry, Hogs and Cattle, Disinfecting; also Whitewashing and Cold Water Painting. Prices and Special Catalogue will be quoted on application.



Holmes' Certified Rose Collection

FIVE FINE ROSES, \$2.00, POSTPAID

We will send, parcel-postage prepaid, to your home anywhere in the United States, one one-year bush of each of the five following Roses.

We guarantee these Roses to grow if planted according to instructions, and will replace free any one that does not. From this one-year size, under favorable conditions, you should secure a surprising display of bloom the first season.

Radiance. An ideal bedding variety of remarkably free-flowering habit, of a brilliant carmine-pink, with yellow shadings at the base of the petals. 50 cts. each.

La Tosca. Beautiful silvery pink, with deeper center; a very vigorous grower, with large double flowers and very free. 50 cts. each.

Gruss an Teplitz. This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower, and in bloom all the time. 50 cts. each.

Mme. Melanie Souperet. For delicate soft coloring it is difficult to surpass this semi-double variety which is particularly fine in bud form; color a charming salmon-yellow, suffused with pink and carmine. 50 cts. each.

Kaiserin Augusta Victoria. This splendid Rose should be in every collection. In color it is a soft pearly white, tinted with just enough lemon in the center to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower, with bold, handsome foliage. 50 cts. each.

Total value of one each of these Roses, \$2.50; our special offer price, \$2.00, postpaid.

Four Famous Rambler Roses

PINK, RED, WHITE, AND YELLOW

Pink Dorothy Perkins (Shell-pink). Grows 10 to 15 feet in a season. Flowers are perfectly double, with petals crinkled, and color is a clear shell-pink; borne in immense clusters that cover the bush for several weeks in the spring.

Red Dorothy Perkins (Excelsa). The color is an intense, clear carmine-lake, a rich contrast to Pink Dorothy Perkins. Flowers are large and double, produced 30 to 40 on a stem, and almost every eye on a shoot produces a cluster of bright blossoms.

White Dorothy. A pure white sport of the well-known Dorothy Perkins, of same habit of growth and freedom of flowering. A splendid companion for the pink variety, as it flowers at the same time. A most valuable addition to this class. Awarded Gold Medal, National Rose Society, and Award of Merit, Temple Show, England.

Gardenia (Hardy Marechal Niel), Yellow. Deep, rich golden yellow flowers, passing to creamy white. Blooms profusely and is as hardy as an oak. Flowers large and fine for climbing.

Any of the above beautiful Climbers, 1-yr., 50 cts. each, postpaid; 2-yr., \$1.00; 3-yr., \$1.50, by express.

Climbing American Beauty

A cross between American Beauty and an unnamed seedling. Color rosy crimson, almost identical with its pollen parent, the American Beauty, and with the same exquisite fragrance, a quality rarely found in climbing Roses. Of strong habit of growth. Will thrive and bloom in almost any situation where a climbing or pillar Rose is desired. Flowers 3 to 4 inches in diameter, finely formed on long stems, are produced in great profusion. The foliage is large, deep green and entirely free from black-spot or mildew. Comes into flower the latter part of May and the first week in June, and continues in full flower for a month or more, with occasional bloom during the growing season. 1-yr., 50 cts., postpaid; 2-yr., \$1.50; 3-yr., \$1.75, by express.

Dr. W. Van Fleet. The flesh-pink Climbing Rose. Open flowers are 4 inches and over in diameter, with high-built center and beautifully undulated and cupped petals. Delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. Full and double, delicately perfumed; buds pointed; stems 12 to 18 inches long. 1-yr., 50 cts., postpaid; 2-yr., \$1.50; 3-yr., \$1.75, by express.

Thousand Beauties (Tausendschön). Imagine a luxuriant climbing Rose literally covered with thousands of bright blossoms, borne in clusters and quite double. Colors of every imaginable shade, from white to deep pink. A hardy, vigorous grower with few thorns and handsome foliage. 1-yr., 50 cts. each; 2-yr., \$1.50; 3-yr., \$1.75, by express.

ONE DOZEN FINE ONE-YEAR ROSES, \$5.00, POSTPAID

	Each
Mrs. B. R. Cant. Large, perfectly double flowers of bright rosy red.	\$0.50
Frau Karl Druschki. Pure, snow-white, perfectly double flowers. . . . .	.50
Prince de Bulgarie. Flowers very full, exquisite rosy flesh-color. . . . .	.50
Jonkheer J. L. Mock. Carmine outside and imperial pink inside of flower. . . . .	.50
Killarney. Blooms freely; large, long buds; color brilliant pink. . . . .	.50
White Maman Cochet. Pure snow-white, petals tipped pink in autumn. . . . .	.50
Laurent Carle. Brilliant velvety carmine; large, perfect flowers. . . . .	.50
Mme. Caroline Testout. Clear, rich pink, edged with silvery rose. . . . .	.50
Wm. R. Smith. Cream-colored buds, heart of pink. . . . .	.50
Wellesley. Rose-pink and silvery rose. . . . .	.50
White Killarney. Pure waxy white, double flower, produced singly. . . . .	.50
Sunburst. Fine buds; flowers of orange-copper and golden yellow color. . . . .	.50

Prices of Rose Bushes

1-yr., 50 cts. each, \$5.00 per doz., postpaid. 2-yr., \$1.50 each, \$13.00 per doz., by express.

These Roses are grown on their own roots by the greatest Rose-growers in America. These Roses are backed by their long experience in his art, and by us in our desire to give you a square deal. If you expect to spend your money for Roses, why not secure the best.

**HOLMES' IMPROVED
BUTTER BEANS**

Pkt 15¢ - 1b 40¢ - 2lbs 75¢

*For full description
and price of this
collection see 2nd page
cover.*

**HOLMES' EMPEROR
CELERY**

*Originators Stock
Pkt 15¢ - Oz 50¢
1/4 lb 175 - 1b 600*

IMPROVED ICICLE RADISHES
Pkt 10¢ - Oz 20¢ - 1/4 lb 60¢ - 1b 200

**HOLMES' IMPROVED
BIG BOSTON LETTUCE**

Pkt 10¢ - Oz 30¢ - 1/4 lb 100 - 1b 300

Holmes' Sweetheart

*Pkt 15¢ - 1b 35¢
2lbs 65¢*

HOLMES' EVERBEARING TOMATO

Pkt 15¢ - Oz 50¢ - 1/4 lb 175 - 1b 600

HOLMES SEED CO.,

HARRISBURG, PA.

106-8 South Second St.